

Curriculum Vita
JOEL T. NIGG, Ph.D.
5/1/2019

Professor, Departments of Psychiatry and Behavioral Neuroscience
Director, Division of Psychology, Department of Psychiatry, School of Medicine
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email: niggj@ohsu.edu;

Research Web: www.ohsu.edu/adhdrs

Public dissemination Web; <https://joelniggphd.com/>

NCBI Publication list

<https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/44112930/?sort=date&direction=descending>

Prior Positions

2008-Present: Professor, Psychiatry and Behavioral Neuroscience, OHSU
2007-2008: Professor, Clinical Psychology, Michigan State University
2002-2007: Associate Professor, Clinical Psychology, Michigan State University
1996-2002: Assistant Professor, Clinical Psychology, Michigan State University

Education and Licensure

1990-95 Ph.D. University of California, Berkeley
1995-96 Clinical Internship, University of Washington School of Medicine/Seattle Children's Hospital
1984-85 Masters in Social Work, The University of Michigan, Ann Arbor
1976-80 A.B., Magna Cum Laude, Harvard University, Cambridge, Massachusetts

Oregon Licensed Psychologist #1889; (Michigan Licensed Psychologist #6301010194-inactive)

Leadership and Awards (past decade only)

2019- Director, Center for ADHD Research at OHSU
2016 Fellow, Association for Psychological Science
2014-2024 MERIT Award, National Institute of Mental Health
2014-present Chair, Internal Advisory Board, Oregon Clinical & Translational Research Institute
2013-2015 President, International Society for Research in Child & Adolescent Psychopathology
2013-2015 Vice-Chair for Research (Acting), Department of Psychiatry
2012 Member, APA Search Editor Search Committee for *Psychological Bulletin*
2012-2015 Review Editor, *Journal of Child Psychology and Psychiatry*
2012 CHADD Hall-of-Fame Award (lifetime scholarly contribution related to ADHD)
2011 Who's Who in Medicine and Healthcare-8th Edition, 2011-2012
2011 Chair, DSM-5 Ad hoc Study Group on DSM-5 Meta-structure and personality disorder
2010-2011 Chair, Promotion and Tenure Committee, OHSU Department of Psychiatry
2010 Chair, DSM-5 Workgroup Subcommittee on ADHD Subtypes
2010 Guest Editor, Special Section, Journal of Clinical Child and Adolescent Psychology
2008-present Director, Division of Psychology, OHSU Department of Psychiatry
2006-2008 Director of Clinical Training, Michigan State Psychology Department
2006 Mid-Career Research Contributions Award, Society of Clinical Child Psychology, APA

Current Extramural Grant Support

2019-2024: Principal Investigator, NIH R37 MH059105 (\$3.3 million), *“ADHD heterogeneity, mechanisms, and risk profile.”*

2018-2023, Co-Principal Investigator, R01MH117177(\$3.75 million) *“Impact of Maternal Obesity and Poor Antenatal Nutrition on Offspring RDoC Dimensions and Risk for Neurodevelopmental Disorders.”*

2017-2022, Co-Principal Investigator, NIH R01 MH115357 (\$3.7 million) *“Brain trajectories in ADHD.”*

2015-2020: Co-Investigator (E Sullivan, PI), R01MH107508 (\$479,800 annual), *“Developmental exposure to maternal obesity-induced inflammation in offspring brain and negative valence behaviors”*

Prior/Completed Extramural Grant Support

2013-2019: Principal Investigator, NIH 1 R01 MH099064 (\$3.1million), *“ADHD biotypes using genetic and imaging approaches.”*

2014-2019: Principal Investigator, NIH R37 MH059105 (\$3.2 million), *“ADHD heterogeneity, mechanisms, and risk profile.”*

2015-2018: Co-Investigator (Simpson, PI) R44 MH099709-03 (Subcontract=\$35,570), *“Neurophysiological Attention Test (NAT) for Objective Assessment of ADHD”*

2016-2017: Principal Investigator, 2R56MH086654 (\$750,000), *“Longitudinal brain imaging of ADHD in adolescent development.”*

2012-2017: Co-Investigator, (D. Fair, PI), R01 MH096773 *“Characterizing mechanistic heterogeneity across ADHD and Autism”*

2010-2015: Principal Investigator, NIH 1R01 MH86654 (\$3.2 million), *“Longitudinal Imaging Study of ADHD Brain Development.”*

2000-2016: Co-Investigator (R. Zucker, PI), NIAAA R01-AA12217 (\$1.9 million), *“Family Study of Neuropsychological Risk for Alcoholism”*

2007-2013: Principal Investigator, NIH 2 R01MH 059105 (\$2.6 million), *“Heterogeneity of Mechanism and Pathway in Child ADHD”*

2010-2014: Co-Investigator/Mentor: (D. Fair, PI). K99/R00 MH091238. *“Functional circuits as an endophenotype in children with ADHD.”*

2010-2013: Co-Investigator. (S. Petersen, PI), McDonnell Foundation (\$450,000). *“Plasticity of brain functional networks”*.

2010-2012: Principal Investigator. Simons Foundation 177894, (\$300,000), *“Functional Brain Networks and Autism subtypes”*

2005-2010: Co-Investigator (K. Friderici, PI), R01-MH070004-01A2, (\$2.6 million); *“Genetics of ADHD: Haplotype and Endophenotype Approaches”*

2005-2007: Principal Investigator, R21- MH70542-01A1, (\$487,600), *“Hormones and sex-different psychopathology”*

2001-2006: Principal Investigator, R01-MH63146 (\$1.5 million), *“Inhibition and Cognition in Adolescent and Adult ADHD”*

1999-2004: Principal Investigator, NIMH R01- MH59105 (\$850,000), *“Neuropsychological and Familial Markers for Childhood ADHD”*

1997-1998: Principal Investigator, B/START Award, National Institutes of Health (\$25,000).

Disclosures/Conflict of Interest Declaration

No outside consulting for pay in the past 5 years. No outside consulting > \$5000 annually for past 25 years. I receive royalties from Guilford Press for two books listed below. No other conflicts of interest.

Professional Affiliations

International Society for Research in Child and Adolescent Psychopathology (1996-present)
Association for Psychological Science (1996-present)
Society for Research in Child Development (1995-present)
American Psychological Association (1995-2012)
Behavior Genetics Association (1995-2008)
International Neuropsychological Society (2006-2008)

PROFESSIONAL AND COMMUNITY SERVICE

National Professional Service, Review Boards, Consulting

Journal Editorial or Advisory Boards:

Journal of Child Psychology and Psychiatry Associate Editor for Reviews (2012-2015)
Journal of Child Psychology and Psychiatry Editorial Board (2010-2013)
Journal of Child Psychology and Psychiatry Advisory Board (2005-2008)
Journal of the American Academy of Child and Adolescent Psychiatry (2005-2014)
Journal of Abnormal Child Psychology (2003-present)
Development and Psychopathology (2004-2007)
Journal of Clinical Child and Adolescent Psychology (2004-2005; 2007-2011)
Journal of Abnormal Psychology (2006-present)
Frontiers in Psychiatry (2010-2013)
Journal of Attention Disorders (2011-2012)

American Psychiatric Association DSM-5 Task Force:

Member, Disruptive Behavior Disorders and ADHD Work Group (2007-2012);
Chair, Workgroup Subcommittee on ADHD subtypes
Consultant, Temporary Chair, Personality and Personality Disorders Workgroup (2011).

NIH Review Standing Contributions

2004-2008: Member: NIMH Child Psychopathology & Dev Disabilities Study Section.
2010-2014: Member, NIH Center for Scientific Review Senior Reviewers.
2014-2016: NIMH Board of Scientific Counselors.

Ad hoc grant review and national consulting service

NIMH (Special Emphasis Panels, ad hoc for IRG), most years since 1999
NSF; Israel Science Foundation; Wellcome Trust;

Ad hoc Journal Reviewer for:

Acta Psychologica, American Journal of Community Psychology, American Journal of Psychiatry, Archives of General Psychiatry, Behavior Genetics, Biological Psychiatry, British Journal of Clinical Psychology, Child Neuropsychology, Developmental Psychology, Development and Psychopathology, European Journal of Cognitive Psychology, Frontiers in Neuroscience, JAMA, J Abnormal Psychology, J Clinical Child Adolescent Psychology; J Consulting & Clinical Psychology, J Cognitive Therapy and Research, J Child Psychology & Psychiatry, J of Abnormal Child Psychology, J International Neuropsychological Society, J Medical Genetics, J Personality & Social Psychology, J Psychopathology & Behavioral Assessment, Neuropsychologia, PLOS-One, Psychological Bulletin, Psychological Science, Review of General Psychology, Science, Twin Research, others

**University and Institutional Service and Leadership at OHSU
(recent and substantial commitments and senior positions only)**

Director, Center for ADHD Research at OHSU (2019-)
Director, OHSU Department of Psychiatry Division of Psychology, 2008-present
Vice-Chair for Research (Acting), Department of Psychiatry, 2014-2015
Chair, Department of Psychiatry Promotion and Tenure Committee, OHSU, 2010-2013
Chair, Department of Psychiatry Research Advisory Oversight Committee, 2013-2017
Chair, Internal Advisory Board, Center for Translational Research (OCTRI), 2015-2017
Member, University Research Advisory Committee, OHSU: 2013-2017
Member, University Core Oversight Committee, OHSU, 2014-2017
Board Member, University Program on Diversity Promotion Advisory Board, 2014-present
Co-Chair, Knight Cardiology Institute Brain-Behavior Developmental Origins Working Group, 2014-17
Member, Task Force I Neuroscience Roadmap Task Force, 2014-2017
Member, School of Medicine Collaborative Research Leadership Group, 2014-2019

COMMUNITY SERVICE AND LEADERSHIP

Board Member, National Science Advisory Board: Union of Concerned Scientists: 2015-2018
Board Member, Board of Directors, Oregon Environmental Council: 2013-2019
Board Member, Board of Directors, Oregon Physicians for Social Responsibility, 2016-2019
Member: Union of Concerned Scientists, 1990-present; Henry Kendall Society, 2005-present
Chair, Parish Council: St Francis of Assisi Parish, Portland Oregon, Pastoral Council 2011-2013; 2017
Co-Founder, Coordinator, Northwest Friends of Union of Concerned Scientists, 2011-2015
Founder and Director: The CACHE' Foundation, a charity for homelessness/environment 2014-
Advisory Board: Our Climate, a national grassroots climate change activist group. 2014-present

SCHOLARSHIP

Scientific Impact and Visibility

Media:

Interviewed and/or work discussed in: New York Times Magazine, The Economist, Scientific American, Parents Magazine, US News, The Oregonian, Detroit Free Press, Chicago Tribune, ADDitude Magazine, local/regional TV/Radio

Scholarly Impact (as of 5/1/2019):

SCOPUS (excludes self-citations): *h*-Index=67; ~ 15000 citations, >1000 /year since 2012
Google Scholar: H-index=89; 30,000 citations, >1500/year since 2012

Invited Public Lectures: (not individually listed)

Approximately 2 per year for past 20 years including Columbia University, University of Iowa, Penn State University, The University of Michigan, University of California at Los Angeles, University of Washington, Northwestern University, University of Chicago, New York University, University of South Carolina, The MIND Institute at UC Davis, Free University of Amsterdam, Karolinska Institute, Uppsala University, CHADD.

Presentations at national and international scientific meetings:

Listed after publications below.

Scientific Dissemination

- 194 peer reviewed scientific publications published or in press
- 30 book or monograph chapters, editorials, or commentaries
- 224 total professional journal or chapter publications
- >210 presentations at national or international scientific meetings

AUTHORED BOOKS

- Nigg, J.T.** (2006). *What Causes ADHD? Toward a Multi-Path Model for Understanding What Goes Wrong and Why*. New York: Guilford Press. Scholarly review and integration of ADHD mechanisms and linkage to genetic and environmental etiologies, emphasizing GxE interplay, for the non-specialist professional.
- Nigg J.T.** (2017). *Getting Ahead of ADHD: What next-generation Science says About Treatments that Work*. New York: Guilford Press. Trade book directed at educating parents about practical ways to make use of recent scientific knowledge and best practices, focusing on lifestyle and environmental influences on ADHD.

PROFESSIONAL PUBLICATIONS I: PEER REVIEWED SCIENTIFIC JOURNAL PUBLICATIONS

*=student or post-doctoral fellow as junior first author

1991-2001

1. **Nigg, J.T.**, Silk, K.R., Westen, D., Lohr, N.E., Gold, L.J., Ogata, S., & Goodrich, S. (1991) Object relations in the early memories of sexually abused borderline subjects. *American Journal of Psychiatry*, 148, 864-869.
2. **Nigg, J.T.**, Lohr, N.E., Westen, D., Gold, L.J., & Silk, K.R. (1992). Malevolent object representations in borderline personality disorder and major depression. *Journal of Abnormal Psychology*, 101, 61-67.
3. Baker, L., Silk, K.R., Westen, D., **Nigg, J.T.**, & Lohr, N.E. (1992). Malevolence, splitting, and parental ratings by borderline patients. *Journal of Nervous and Mental Disease*, 180, 258-264.
4. Jones, E.E., Ghannam, J., **Nigg, J.T.**, & Dyer, J. (1993). A paradigm for single case research: The time series study of a long-term psychotherapy for depression. *Journal of Consulting and Clinical Psychology*, 61, 381-394.
5. **Nigg, J.T.**, & Goldsmith, H.H. (1994). Genetics of personality disorders: Perspectives from personality and psychopathology research. *Psychological Bulletin*, 115, 346-380.
6. Carte, E.C., **Nigg, J.T.**, & Hinshaw, S.P. (1996). Neuropsychological functioning, motor speed, and language processing in boys with and without ADHD. *Journal of Abnormal Child Psychology*, 24, 481-498.
7. **Nigg, J.T.**, Hinshaw, S.P., & Halperin J.M. (1996). The Continuous Performance Task in boys with ADHD: Methylphenidate dose response and relations to observed behaviors. *Journal of Clinical Child Psychology*, 25, 330-340.
8. **Nigg, J.T.**, Swanson, J., & Hinshaw, S.P. (1997). Covert visual spatial attention in boys with attention deficit hyperactivity disorder: lateral effects, methylphenidate response and results for parents. *Neuropsychologia*, 35, 165-176.
9. Hinshaw, S.P., Zupan, B.A., Simmel, C., **Nigg, J.T.**, & Melnick, S.M. (1997). Peer status in boys with and without attention deficit hyperactivity disorder: Predictions from overt and covert antisocial behavior, social isolation, and authoritative parenting beliefs. *Child Development*, 68, 880-896.

10. **Nigg, J.T.** & Goldsmith, H.H. (1998). Developmental psychopathology, personality and temperament: Reflections of recent behavioral genetics research. *Human Biology*, 70, 387-412.
11. **Nigg, J.T.** & Hinshaw, S.P. (1998). Parent personality traits and psychopathology associated with antisocial behaviors in childhood. *Journal of Child Psychology and Psychiatry*, 39, 145-160.
12. **Nigg, J.T.**, Hinshaw, S.P., Carte, E.T., & Treuting, J.J. (1998). Neuropsychological correlates of childhood ADHD: explained by comorbid disruptive behavior or reading problems? *Journal of Abnormal Psychology*, 107, 468-480.
13. **Nigg, J.T.**, Quamma, J.P., Greenberg, M., & Kusche, C. (1999). A two year longitudinal study of neuropsychological and cognitive performance in relation to behavioral problems and competencies in elementary school children. *Journal of Abnormal Child Psychology*, 27, 51-63.
14. **Nigg, J.T.** (1999). The ADHD response inhibition deficit as measured by the Stop Task: Replication with DSM-IV combined type, extension, and qualification. *Journal of Abnormal Child Psychology*, 27, 391-400.
15. **Nigg, J.T.** (2000). On inhibition/disinhibition in developmental psychopathology: Views from cognitive and personality psychology and a working inhibition taxonomy. *Psychological Bulletin*, 126, 220-246.
16. **Nigg, J.T.** (2001). Is ADHD an inhibitory disorder? *Psychological Bulletin*, 127, 571-598.
17. *Podolski, C.L., & **Nigg, J.T.** (2001). Parent stress and coping in relation to child ADHD severity and associated child disruptive behavior problems. *J Clinical Child Psychology*, 30, 501-511.

2002

18. **Nigg, J.T.**, Blaskey, L., Huang-Pollock, C., & Rappley, M.D. (2002). Neuropsychological executive functions and ADHD DSM-IV subtypes. *J American Academy of Child and Adolescent Psychiatry*, 41, 59-66.
19. **Nigg, J.T.**, Butler, K.M., Huang-Pollock, C.L., & Henderson, J.M. (2002). Inhibitory processes in adults with persistent childhood onset ADHD. *J Consulting Clinical Psychology*, 70, 153-157.
20. *Huang-Pollock, C.L., Carr, T.H., & **Nigg, J.T.** (2002). Development of selective attention: Perceptual load influences early versus late attentional selection in children and adults. *Developmental Psychology*, 38, 363-375.
21. **Nigg, J.T.**, John, O.P. Blaskey, L.G., Huang-Pollock, C.L., Willcutt, E.G., Hinshaw, S.P., & Pennington, B. (2002). Big five dimensions and ADHD symptoms: Links between personality traits and clinical symptoms. *Journal of Personality and Social Psychology*, 83, 451-469.

2003

22. **Nigg, J.T.** (2003). ADHD: Guides for the perplexed reflect the state of the field: Book commentary. *Journal of Clinical Child and Adolescent Psychology*, 32, 302-308.
23. *Huang-Pollock, C.L., & **Nigg, J.T.** (2003). Searching for the attention deficit in attention deficit hyperactivity disorder: The case of visuospatial orienting. *Clinical Psychology Review*, 23, 801-830.
24. **Nigg, J.T.** (2003). Response inhibition and disruptive behaviors: Toward a multi-process conception of etiological heterogeneity for ADHD combined type and conduct disorder early onset type. *Annals of the New York Academy of Sciences*, 1008 (pp. 170-182). New York: New York Academy of Sciences.
25. *Stawicki, J.A., & **Nigg, J.T.** (2003). Familial psychiatric disorder in child DSM-IV ADHD: Moderation by child gender. *Annals of the New York Academy of Sciences*, 1008 (pp. 293-296). New York: New York Academy of Sciences.

2004

26. **Nigg, J.T.**, Goldsmith, H.H., & Sachek, J. (2004). Temperament and attention-deficit

/hyperactivity disorder: The development of a multiple pathway model. *Journal of Clinical Child and Adolescent Psychology*, 33, 42-53.

27. **Nigg, J.T.**, Glass, J.M., Wong, M.M., Poon, E., Jester, J.M., Fitzgerald, H.E., Puttler, L.I., Adams, K.M., & Zucker, R.A. (2004). Neuropsychological executive function in children at elevated risk for alcoholism: Findings in early adolescence. *Journal of Abnormal Psychology*, 113, 302-314.
28. **Nigg, J.T.**, Blaskey, L., Stawicki, J., & Sachek, J. (2004). Evaluating the endophenotype model of ADHD neuropsychological deficit: Results for parents and siblings of children with DSM-IV ADHD Combined and Inattentive Subtypes. *Journal of Abnormal Psychology*, 113, 614-625.
29. *Huang-Pollock, C.L., **Nigg, J.T.**, & Carr, T.H. (2004). Deficient attention is hard to find: Applying the perceptual load model of selective attention to attention deficit hyperactivity disorder subtypes. *Journal of Child Psychology and Psychiatry*, 46, 1211-1218.
30. *Park, L., **Nigg, J.T.**, Waldman, I., Nummy, K.A., Huang-Pollock, C., Rappley, M., & Friderici, K. (2004). Association and linkage of α -2A adrenergic receptor gene polymorphisms with childhood ADHD. *Molecular Psychiatry*, 10, 572-580.

2005

31. *Jester, J.M., **Nigg, J.T.**, Adams, K., Fitzgerald, H.E., Puttler, L.I., Wong, M.M., & Zucker, R.A. (2005). Inattention/Hyperactivity and aggression from early childhood to adolescence: Heterogeneity of trajectories and differential influence of family environment characteristics. *Development and Psychopathology*, 17, 99-125.
32. Coghill, D., **Nigg, J.T.**, Rothenberger, A., Sonuga-Barke, E., & Tannock, R. (2005). Whither causal models in the neuroscience of ADHD? *Developmental Science*, 8, 105-114
33. **Nigg, J.T.** (2005). Neuropsychologic theory and findings in ADHD: The state of the field and salient challenges for the coming decade. *Biological Psychiatry*, 57, 1424-1435.
34. **Nigg, J.T.**, Willcutt, E., Doyle, A.E., & Sonuga-Barke, J.S. (2005). Causal heterogeneity in ADHD: Do we need a neuropsychologically impaired subtypes? *Biological Psychiatry*, 57, 1224-1230.
35. Willcutt, E.G., Doyle, A.E., **Nigg, J.T.**, Faraone, S.V., & Pennington, B.F. (2005). Validity of the executive function theory of ADHD: meta-analytic review. *Biological Psychiatry*, 57, 1336-1346.
36. Doyle, A.E., Faraone, S.V., Seidman, L.J., Willcutt, E., **Nigg, J.T.**, Waldman, I.D., Pennington, B., Peart, J., & Biederman, J. (2005). Are endophenotypes based on measures of executive functions useful for molecular genetic studies of ADHD? *J Child Psychology Psychiatry*, 46, 774-803.
37. *Counts, C.A., **Nigg, J.T.**, Stawicki, J.A., Rappley, M.D., & Von Eye, A. (2005). Family adversity in DSM-IV ADHD combined and inattentive subtypes and associated disruptive behavior problems. *Journal American Academy of Child and Adolescent Psychiatry*, 44, 690-698.
38. **Nigg, J.T.**, & Casey, B.J. (2005). An integrative theory of attention-deficit/hyperactivity disorder based on the cognitive and affective neurosciences. *Development and Psychopathology*, 17, 785-806.
39. **Nigg, J.T.**, Stavro, G., Ettenhofer, M., Hambrick, D., Miller, T., & Henderson, J.M. (2005). Executive functions and ADHD in adults: Evidence for selective effects on ADHD symptom domains. *Journal of Abnormal Psychology*, 114, 706-717.
40. **Nigg, J.T.**, Silk, K., Stavro, G., & Miller, T. (2005). Disinhibition and borderline personality disorder. *Development and Psychopathology*, 17, 1129-1150.
41. **Nigg, J.T.**, (2005). Attention, task difficulty and ADHD. *British Psychological Society*.

2006

42. *Sheridan, L.K., Fitzgerald, H.E., Adams, K.M., **Nigg, J.T.**, Martel, M.M., Puttler, L.I., Wong, M.M., & Zucker, R.A. (2006). Normative Symbol Digit Modalities Test performance in a

- community-based sample. *Archives of Clinical Neuropsychology*, 21, 23-28.
43. Glass, J.M., Adams, K.M., **Nigg, J.T.**, Wong, M.M., Puttler, L.I., Buu, A., Jester, J.M., Fitzgerald, H.E., & Zucker, R.A. (2006). Smoking is associated with neurocognitive deficits in alcoholism. *Drug and Alcohol Dependence*, 82, 119-126.
 44. **Nigg, J.T.** (2006). Attention, control, and task difficulty in ADHD (Commentary). *British Journal of Developmental Psychology*, 23, 513-516.
 45. **Nigg, J.T.**, Wong, M.M., Martel, M., Jester, J.M., Puttler, L.I., Glass, J.M., Adams, K.M., Fitzgerald, H.E., & Zucker, R.A. (2006). Poor response inhibition as a predictor of problem drinking and illicit drug use in adolescents at risk for alcoholism and other substance use disorders. *Journal of the American Academy of Child and Adolescent Psychiatry*, 45, 468-475.
 46. Zucker, R.A., Wong, M.M., Clark, D.B., Leonard, K.E., Schulenberg, J.E., Cornelius, J.R., Fitzgerald, H.E., Homish, G.G., Merline, A., **Nigg, J.T.**, O'Malley, P.M., & Puttler, L.I. (2006). Predicting risky drinking outcomes longitudinally: what kind of advance notice can we get? *Alcoholism: Clinical and Experimental Research*, 30, 243-252.
 47. **Nigg, J.T.** (2006). Temperament and developmental psychopathology. *Journal of Child Psychology and Psychiatry*, 47, 395-422.
 48. Waldman, I.D., **Nigg, J.T.**, Gizer, I.R., Park, L., Rappley, M.D., & Friderici, K. (2006). The adrenergic receptor 2-A gene (ADRA2A) and neuropsychological executive functions as putative endophenotypes for childhood ADHD. *Cognitive, Affective, and Behavioral Neuroscience*, 6, 18-30.
 49. *Stawicki, J.A., **Nigg, J.T.**, & von Eye, A. (2006). Family psychiatric history evidence on the nosological relations of DSM-IV ADHD Combined and Inattentive subtypes: New data and meta-analysis. *Journal of Child Psychology and Psychiatry*, 47, 935-945.
 50. Wong, M.M., **Nigg, J.T.**, Zucker, R.A., Puttler, L.I., Fitzgerald, H.E., Jester, J.M., Glass, J.M., & Adams, K. (2006). Behavioral control and resiliency in the onset of alcohol and illicit drug use: A prospective study from preschool to adolescence. *Child Development*, 77, 1016-1033.
 51. *Carr, L.A., **Nigg, J.T.**, & Henderson, J.M. (2006). Attentional versus motor inhibition in adults with attention deficit hyperactivity disorder. *Neuropsychology*, 20, 430-441.
 52. *Martel, M.M., & **Nigg, J.T.** (2006). Child ADHD and personality/temperament traits of reactive and effortful control, resiliency, and emotionality. *Journal of Child Psychology and Psychiatry*, 47, 1175-1183.
 53. Huang-Pollock, C., **Nigg, J.T.**, & Halperin, J. (2006). Single dissociation findings of ADHD deficits in vigilance but not anterior or posterior attention systems. *Neuropsychology*, 20, 420-429

2007

54. *Stavro, G., Ettenhofer, M., & **Nigg, J.T.** (2007). Executive functions and adaptive functioning in young adult ADHD. *Journal of the International Neuropsychological Society*, 13, 324-334.
55. **Nigg, J.T.**, & Breslau, N. (2007). Prenatal smoking exposure, low birth weight, and disruptive behavior disorders. *Journal of the American Academy of Child and Adolescent Psychiatry*, 43, 362-369.
56. Casey, B.J., **Nigg, J.T.**, & Durston, S. (2007). New potential leads in the biology and treatment of Attention Deficit-Hyperactivity Disorder. *Current Opinion in Neurology*, 20, 119-124.
57. *Martel, M.M., Lucia, V.C., **Nigg, J.T.**, & Breslau, N. (2007). Sex differences in the pathway from low birth weight to inattention/hyperactivity. *Journal of Abnormal Child Psychology*, 35, 87-96.
58. *Martel, M.M., **Nigg, J.T.**, Wong, M.M., Fitzgerald, H.E., Jester, J.M., Puttler, L.I., Glass, J.M., Adams, K.M., Zucker, R.A. (2007). Child and adolescent resiliency, regulation, and executive functioning in relation to adolescent problems and competence in a high-risk sample. *Development and Psychopathology*, 19, 541-563.
59. Swanson, JM, Kinsbourne, M., **Nigg, J.T.**, Lanphear, B., Stefanatos, G., Volkow, N., Taylor, E., Casey, B.J., Castellanos, F.X., Wadhwa, P.D. (2007). Etiologic subtypes of Attention-deficit/Hyperactivity disorder: Brain imaging, molecular genetic and environmental factors and the

Dopamine Hypothesis. *Neuropsychology Review*, 17, 39-59.

60. *Miller, T.W., **Nigg, J.T.**, & Faraone, S.V. (2007). Axis I and II comorbidity in adults with ADHD. *Journal of Abnormal Psychology*, 116, 519-528.
61. **Nigg, J.T.**, Nikolas, M., Friderici, K., Park, L., & Zucker, R.A. (2007). Genotype and neuropsychological response inhibition as resilience promoters for attention-deficit/hyperactivity disorder, oppositional defiant disorder, and conduct disorder under conditions of psychosocial adversity. *Development and Psychopathology*, 19, 767-786.
62. *Martel, M.M., Nikolas, M., & **Nigg, J.T.** (2007). Executive functions in adolescents with ADHD. *Journal of the American Academy of Child and Adolescent Psychiatry*, 46, 1434-1444.

2008

63. Sonuga-Barke, E.J.S., Sergeant, J.A., **Nigg, J.T.**, & Willcutt, E. (2008). Executive dysfunction and delay aversion in ADHD: Nosological and diagnostic implications. *Child and Adolescent Psychiatric Clinics of North America*, 17, 367-384.
64. Willcutt, E., Sonuga-Barke, E., **Nigg, J.T.**, & Sergeant, J.A. (2008). Recent developments in neuropsychological models of childhood psychiatry disorders. In T. Banaschewski & L.A. Rohde (Eds), *Recent Trends and Developments. Advances in Biological Psychiatry*, 24, 195-226. Basel: Karger
65. Heitzeg, M.M., **Nigg, J.T.**, Yau, W.Y.W., Zubieta, J.K. & Zucker, R.A. (2008). Affective circuitry and risk for alcoholism in late adolescence: Differences in frontostriatal responses between vulnerable and resilient children of alcoholic parents. *Alcoholism: Clinical and Experimental Research*, 32(3), 414-426.
66. **Nigg, J.T.**, Knottnerus, G.M., Martel, M.M., Nikolas, M., Cavanagh, K., Karmaus, W., & Rappley, M.D. (2008). Low blood lead levels associated with clinically diagnosed attention deficit hyperactivity disorder (ADHD) and mediated by weak cognitive control. *Biological Psychiatry*, 63(3), 325-331.
67. Bucci, D.J., Hopkins, M.E., Nunez, A.A., Breedlove, S.M., Sisk, C., & **Nigg, J.T.** (2008) Effects of sex hormones on associative learning in the spontaneously hypertensive rat. *Physiology and Behavior*, 93, 651-657.
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177. Engelhardt PD, **Nigg JT**, & Ferreria F. (2017). Executive function and intelligence in the resolution of temporary syntactic ambiguity: An individual differences investigation. *Quarterly Journal Experimental*, 70(7), 1263-1281.
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180. **Nigg JT** (2017). On the relations between self-regulation, executive function, effortful control, cognitive control, impulsivity, inhibition, and risk taking for developmental psychopathology. *Journal of Child Psychology and Psychiatry*, 58, 361-383.
181. Roberts BA, Martel MM, **Nigg JT** (2017). Are there executive dysfunction subtypes within ADHD? *J Atten Disord*. 21(4):284-293.
182. **Nigg JT**, Jester JM, Stavro GM, Ip KI, Puttler LI, Zucker RA (2017). Specificity of executive functioning and processing speed problems in common psychopathology. *Neuropsychology*, 31, 448-466.
183. Di Martino A, O'Connor D, Chen B, Alaerts K, Anderson J, Assaf M....**Nigg JT**....Milham M (2017). Enhancing studies of the connectome in autism using the Autism Brain Imaging Data Exchange II. *Scientific Data* Mar 14;4:170010. doi: 10.1038/sdata.2017.10. PMID: 28291247
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191. Wong, MM, Puttler, LI, **Nigg, JT**, Zucker RA. (2018). Sleep and behavioral control in earlier life predicted resilience in young adulthood: A prospective study of children of alcoholics and controls. *Addictive Behaviors*, 82: 65-71.
192. Feczko E, Balba NM, Miranda-Dominguez O, Cordova M, Karalunas SL, Irwin L, Demeter DV, Hill AP, Langhorst BH, Grieser Painter J, Van Santen J, Fombonne EJ, **Nigg JT**, Fair DA. (2018). Subtyping cognitive profiles in Autism Spectrum Disorder using a functional random forest algorithm. *Neuroimage*. 172:674-688.
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194. Miranda Dominguez O....**Nigg, JT**, Fair DA. (2018). Heritability of the human connectome: a connectotyping study. *Network Neuroscience*.2:200-217
195. Bauer, B., **Nigg, JT**, Karalunas, S. (2018). Working memory mediates increased negative affect and suicidal ideation in childhood attention-deficit/hyperactivity disorder. *Journal of Psychopathology and Behavioral Assessment*, 40: 180-193
196. Gustafsson H, Sullivan EL, Nousen EK, Villa CA, Huang E, Rincon M, **Nigg JT**, Loftis JM (2018). Maternal prenatal depression predicts infant negative affect via maternal inflammatory cytokine levels. *Brain, Behavior, and Immunity*, 73, 470-481.
197. Karalunas SL, Hawkey E, Gustafsson H, Miller M, Langhorst M, Cordova M, Fair D, **Nigg JT**.(2018). Overlapping and distinct cognitive impairments in Attention-Deficit/Hyperactivity and Autism Spectrum Disorder without Intellectual Disability. *J Abnorm Child Psychol.*, 46, 1705-1716. epub 2018 Feb 15. doi: 10.1007/s10802-017-0394-2.

2019 and in press

198. Musser ED, **Nigg JT**. (2019). Emotion dysregulation across emotion systems in Attention Deficit/Hyperactivity Disorder. *J Clin Child Adolesc Psychol*. 48: 153-165. doi: 10.1080/15374416.2016.1270828.
199. Jester JM, Glass JM, Bohnert KM, **Nigg JT**, Wong MM, Zucker RA. (2019). Child and adolescent predictors of smoking involvement in emerging adulthood. *Health Psychol*.

- 38(2):133-142.
200. Miller M, Musser ED, Young GS, Olson B, Steiner RD, **Nigg JT.** (2019). Sibling Recurrence Risk and Cross-aggregation of Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder. *JAMA Pediatr.* 173(2):147-152. PMID: 30535156
 201. Henry TR, Feczko E, Cordova M, Earl E, Williams S, **Nigg JT,** Fair DA, Gates KM. (2019). Comparing directed functional connectivity between groups with confirmatory subgrouping GIMME. *Neuroimage.* 2019 Mar;188:642-653. doi: 10.1016/j.neuroimage.2018.12.040.
 202. Karalunas SL, Gustafsson HC, Fair D, Musser ED, **Nigg JT.** (2019). Do we need an irritable subtype of ADHD? Replication and extension of a promising temperament profile approach to ADHD subtyping. *Psychol Assess.* 31(2):236-247. doi: 10.1037/pas0000664.

In Press

203. Holton KF, Johnstone JM, Brandley ET, **Nigg JT.** (2018, in press). Evaluation of dietary intake in children and college students with and without attention-deficit/hyperactivity disorder. *Nutr Neurosci.* 2018 Jan 23:1-14. doi: 10.1080/1028415X.2018.1427661. [Epub ahead of print]
204. Song M, Dieckmann NF, **Nigg JT.**(in press). Addressing discrepancies between ADHD prevalence and case identification estimates among U.S. children utilizing NSCH 2007-2012.J *Atten Disord.* 2018 Sep 28:1087054718799930. doi: 10.1177/1087054718799930. [Epub ahead of print] PMID:30264639
205. Hoogman M.....(2 dozen authors here), **Nigg JT,** Thompson PM, Buitelaar JK, Faraone SV, Shaw P, Tiemeier H, Bralten J, Franke B (in press). Brain imaging of the cortex in ADHD: A coordinated analysis of large-scale clinical and population based samples. *American J. Psychiatry,* 2019 Apr 24:appiajp201918091033. doi: 10.1176/appi.ajp.2019.18091033. [Epub ahead of print] PMID: 31014101

PROFESSIONAL PUBLICATIONS III: BOOK CHAPTERS, EDITORIALS, COMMENTARIES, AND NON-PEER-REVIEWED JOURNAL ARTICLES (N=31 INSTANCES)

† Book, volume, or monograph chapters

1. †Silk, K.R., **Nigg, JT,** Westen, D., & Lohr, N.E. (1997). Severity of childhood sexual abuse, borderline symptoms, and familial environment. In M. Zanarini (Ed.), *The role of sexual abuse in the etiology of borderline personality disorder* (pp. 131-163). Washington, D.C.: American Psychiatric Press.
2. †Hinshaw, S.P., & **Nigg, JT** (1999). Behavior rating scales in the assessment of disruptive behavior disorders in childhood. In D. Shaffer, J. Richters, & C.P. Lucas (Eds.), *Diagnostic assessment in child and adolescent psychopathology* (pp. 91-126). New York: Guilford.
3. †**Nigg, J.T.,** & Rappley, M.D. (2001). Interventions for attention deficit/hyperactivity disorder: Perspectives for counselors. In E.R. Welfel & R.E. Ingersoll (Eds.), *The Mental Health Desk Reference* (pp. 183-190). New York: John Wiley & Sons, Inc.
4. **Nigg, J.T.,** Blaskey, L.B., Huang-Pollock, C., & John, O.P. (2002). ADHD and personality traits: Is ADHD an extreme personality trait? *The ADHD Report, 10* (1), 6-11.
5. †**Nigg, J.T.,** & Huang-Pollock, C.L. (2003). An early onset model of the role of executive functions and intelligence in conduct disorder/delinquency. In B.B. Lahey, T. Moffitt, & A. Caspi (Eds.), *The Causes of Conduct Disorder and Serious Juvenile Delinquency* (pp. 227-253). New York: Guilford.
6. †**Nigg, J.T.** & Goldsmith, H.H. (2003) Personality and temperament. In D.N. Cooper (Ed.), *Nature Encyclopedia of the Human Genome, Vol. 4,* pp. 549-556. London: Nature Publishing.
7. †Swanson, J.M., Casey, B.J., **Nigg, J.T.,** Castellanos, F.X., Volkow, N.D., & Taylor, E. (2004). Clinical and cognitive definitions of attention deficits in children with attention-deficit

- /hyperactivity disorder. In M.I. Posner (Ed.), *Cognitive neuroscience of attention* (pp. 430-446). New York: Guilford Press.
8. **Nigg, J.T.** (2005). What role might environmental contaminants play in ADHD? *The ADHD Report*, 13 (2), 6-7, 12-16.
 9. **Nigg, J.T.** (2005). Reinforcement gradient, response inhibition, genetic versus experiential effects, and multiple pathways to ADHD (Commentary). *Behavioral and Brain Sciences*, 28,437-438.
 10. †**Nigg, J.T.** (2006). Attention deficits and hyperactivity-impulsivity in children: A multilevel overview of causes and mechanisms. In H.E. Fitzgerald, B.M. Lester, & B. Zuckerman (Eds.), *The Crisis in Youth Mental Health--Critical Issues and Effective Programs, Vol 1: Childhood Disorders* (pp. 157-182). Westport, CT: Praeger.
 11. †**Nigg, J.T.**, Hinshaw, S.P., & Huang-Pollack, C. (2006). Disorders of attention and impulse regulation. In D. Cicchetti & D. Cohen (Eds.), *Developmental psychopathology*, 2nd ed. (pp 358-403). New York: Wiley.
 12. †**Nigg, J.T.**, Carr, L.A., Martel, M.M., & Henderson, J.M. (2007). Concepts of inhibition and developmental psychopathology. In C. MacCleod & D. Gorfain (Eds.), *Inhibition in Cognition*, (pp. 259-277). American Psychological Association Press.
 13. †**Nigg, J.T.**, & Nikolas, M. (2008). Attention deficit/hyperactivity disorder. In T.P. Beauchaine & S.V. Hinshaw (Eds), *Child and Adolescent Psychopathology* (pp). New York: Wiley Publishers.
 14. **Nigg, J.T.** (2009). Cognitive impairments found with attention-deficit/hyperactivity disorder. *Psychiatric Times*, 3/18,www.psychiatristimes.com/display/article/10168/1389777?pageNumber=6. Accessed 3/23/2009.
 15. †Audrain-McGovern, J., **Nigg, J.T.**, & Perkins, K. (2009). Endophenotypes for nicotine dependence risk at or before initial nicotine exposure. In G.E. Swan, T.B. Baker, L. Chassin, D.V. Conti, C. Lerman, & K.A. Perkins (Eds.), *Phenotypes and Endophenotypes: Foundations for Genetic Studies of Nicotine Use and Dependence* (Chapter 8), pp. 339-402. *National Cancer Institute Monograph, No. 20*, US Department of Health & Human Services, National Institutes of Health. <http://www.cancercontrol.cancer.gov/tcrb/monographs/20/monograph20.html>
 16. †**Nigg, J.T.**, Martel, M.M., Nikolas, M., & Casey, B.J. (2010). Intersection of emotion and cognition in developmental psychopathology. In & S.D. Calkins & M.A. Bell (Eds.), *Child Development at the Intersection of Emotion and Cognition*, (pp. 225-245). Washington, D.C.: American Psychological Association Press.
 17. **Nigg, J.T.**, Tannock, R., Rohde, L.A. (2010). What is to be the fate of ADHD subtypes? An introduction to the special section on research on the ADHD subtypes and implications for DSM-V. *Journal of Clinical Child and Adolescent Psychology*, 39, 723-725.
 18. **Nigg, J.T.** (2011). Editorial: Where to with treatment for ADHD? *Current Medical Research and Opinion*, 27, Suppl 2:1-3.
 19. **Nigg, J.T.** (2012). Editorial: Environment, developmental origins, and ADHD. *Archives of Pediatrics and Adolescent Medicine*, 166(4):387-388.
 20. †**Nigg, J.T.** (2013). Attention deficit/hyperactivity disorder. In T.P. Beauchaine & S.V. Hinshaw (Eds), *Child and Adolescent Psychopathology (2nd Edition)*. New York: Wiley Publishers. pp 377-410.
 21. **Nigg, J.T.** (2013). Attention deficits and hyperactivity-impulsivity: what have we learned, what next? *Development and Psychopathology*, 25:1489-503.
 22. **Nigg, J.T.** (2013). Commentary: gene by environment interplay and psychopathology - in search of a paradigm. *J Child Psychol Psychiatry*, 54(10):1150-2.
 23. **Nigg, J.T.** & Craver, L (2014). Commentary: ADHD and socio-economic status: inconvenient truth? *Journal of Child Psychology and Psychiatry*. May;55(5):446-7.
 24. †**Nigg, J.T.**, & Barkley, RA (2014). Attention deficit hyperactivity disorder. In E. Mash and RA Barkley (Eds), *Child and Adolescent Psychopathology*, 4th Ed. New York: Guilford Press, pp.
 25. **Nigg, JT.** (2015). Editorial: The shape of the nosology to come. *Journal of Child Psychology and Psychiatry*. 2015 Apr;56(4):397-9. doi: 10.1111/jcpp.12408.

26. †**Nigg, J.T.** (2016). Inattention and impulsivity. In D. Cicchetti (Ed.), *Developmental Psychopathology*, 3rd Edition. New York: John Wiley and Sons. *Forthcoming*
27. †**Nigg, J.T.** (2017). Attention deficit/hyperactivity disorder. In T.P. Beauchaine & S.V. Hinshaw (Eds), *Child and Adolescent Psychopathology (3rd Edition)*. New York: Wiley. pp 377-410.
28. †**Nigg, J.T.** (2017). Future directions in ADHD etiology research. In M. Prinstein (Ed.), *Future Work in Child and Adolescent Psychopathology: A Research Agenda (pp.)*. New York: Routledge.
29. †**Nigg JT** (in press, 2017). Self-regulation, behavioral inhibition, and risk for alcoholism and substance use disorders. In H Fitzgerald & L Puttler (Eds.), *A Festschrift for Robert Zucker*.
30. **Nigg, JT** (2018). ADHD and early experience: Revisiting the case of low birth weight (Commentary). *Pediatrics*, 141(1); pii: e20173488. doi: 10.1542/peds.2017-3488
31. **Nigg JT** (2018). Toward an emerging paradigm for understanding Attention-Deficit/Hyperactivity Disorder and other neurodevelopmental, mental, and behavioral Disorders: Environmental risks and epigenetic associations (commentary). *JAMA Pediatr.* 172(7): 619-621. doi: 10.1001/jamapediatrics.2018.0920
32. **Nigg JT** (2018/2019). Lead and attention deficit hyperactivity disorder. In: *Encyclopedia of Environmental Health* (2nd edition), J. Nriagu, Ed. London: Elsevier.

SCIENTIFIC PRESENTATIONS AND ABSTRACTS : MAJOR SCIENTIFIC MEETINGS OR GROUPS

1991-2001

1. Silk, K.R., Pressler, E.J., Westen, D., Gold, L., **Nigg, J.T.**, & Ogata, S. (May, 1991). Diagnostic and therapeutic changes in borderline personality disorder. Paper presented at the annual meetings of the American Psychiatric Association, New Orleans, LA.
2. **Nigg, J.T.** & Lohr, N.E. (March, 1992). Early memories and a clinical case: An object relations perspective. Paper presented at the annual meetings of the Society for Personality Assessment, Washington, D.C.
3. **Nigg, J.T.**, Swanson, J., & Hinshaw, S.P. (February, 1993). The Posner visual orienting task with ADHD boys. Poster presented at the annual meetings of the Society for Research in Child and Adolescent Psychopathology, Santa Fe, NM.
4. **Nigg, J.T.** (March, 1993). Personality traits and psychopathology in parents of ADHD boys. Poster presented at the annual meetings of the Society for Research in Child Development, New Orleans.
5. Hinshaw, S.P., Herbsman, C., Melnick, S., **Nigg, J.T.**, & Simmel, C. (February, 1993). Psychological and familial processes in ADHD: Continuous or discontinuous with those in normal comparison children? Poster presented at the annual meetings of the Society for Research in Child and Adolescent Psychopathology, Santa Fe, NM.
6. Silk, K.R., Karle, B., Lohr, N.E., Ogata, S., Eiser, A., & **Nigg, J.T.** (June, 1993). Sexual abuse and family environment in borderline personality disorder. Paper presented at the annual meetings of the American Psychiatric Association, San Francisco, CA.
7. **Nigg, J.T.** (March, 1995). Parent disorders and traits in child attention deficit hyperactivity disorder with and without aggression. Paper presented at the annual meetings of the Society for Research in Child Development, Indianapolis, IN.
8. **Nigg, J.T.**, & Carte, E.C. (March, 1995). Neuropsychological correlates of child hyperactivity and aggression. Poster presented at the annual meetings of the Society for Research in Child Development, Indianapolis, IN.
9. Silk, K.R., Lohr, N.E., Westen, D., & **Nigg, J.T.** (May, 1995). Expectations of malevolence in the treatment of borderline personality disorder. Paper presented at the annual meetings of the American Psychiatric Association, Miami, FL.
10. **Nigg, J.T.**, Mattanah, J., & Hinshaw, S.P. (January, 1996). Parent personality and parenting behaviors in relation to antisocial behaviors of children with ADHD. Presented at the biannual meetings of the Society for Research in Child and Adolescent Psychopathology, Los Angeles, CA.
11. **Nigg, J.T.**, Carte, E.C., Treuting, J., & Hinshaw, S.P. (January, 1996). A neuropsychological study of ADHD and comorbid antisocial behaviors. Presented at the biannual meetings of the Society for Research in Child and Adolescent Psychopathology, Los Angeles, CA.
12. **Nigg, J.T.**, Quamma, J.P., & Greenberg, M. (April, 1997). A two year longitudinal study of neuropsychological performance and social adjustment in elementary school children. Poster presented at the Annual Meetings of the Society for Research in Child Development, Washington, D.C.
13. Hinshaw, S.P., Zupan, B.A., Simmel, C., **Nigg, J.T.**, & Melnick, S.M. (April, 1997). Authoritative parenting style predicts peers status in boys with and without Attention-Deficit Hyperactivity Disorder. Poster presented at the Annual Meetings of the Society for Research in Child Development, Washington, D.C.
14. **Nigg, J.T.**, Hinshaw, S.P., Carte, E.C., & Treuting, J. (May, 1997). Executive functions in child ADHD with and without comorbid antisocial and reading problems: Importance of non-language mediated motor output tasks. Poster presented at the Clarke Institute of Psychiatry Conference on Executive Function and Developmental Psychopathology: Theories and Applications, Toronto, Ontario.

15. **Nigg, J.T.**, Greenberg, M.T., Quamma, J., & Kusche, C. (May, 1997). Development of the Stroop effect. Poster presented at the Clarke Institute of Psychiatry Conference on Executive Function and Developmental Psychopathology: Theories and Applications, Toronto, Ontario.
16. **Nigg, J.T.** (May, 1998). Inhibitory control in first degree relatives of boys and girls with ADHD using the stop task paradigm. Poster presented at the annual meetings of the American Psychological Society, Washington, D.C.
17. Blaskey, L., & **Nigg, J.T.** (April, 1999). Neuropsychological test of two competing models of child ADHD. Poster presented at the biannual meetings of the Society for Research in Child Development, Albuquerque, NM.
18. Podolski, C.L., & **Nigg, J.T.** (April, 1999). Parental coping with child ADHD symptoms and aggression. Poster presented at the biannual meetings of the Society for Research in Child Development, Albuquerque, NM.
19. **Nigg, J.T.**, Blaskey, L., & Huang, C. (June, 1999). Which executive/inhibitory deficits go with which subtypes of ADHD? Poster presented at the biannual meetings of the International Society for Research in Child and Adolescent Psychopathology, Barcelona, Spain.
20. **Nigg, J.T.** (June, 1999). A proposed taxonomy of inhibitory functions for the study of child psychopathology. Poster presented at the biannual meetings of the International Society for Research in Child and Adolescent Psychopathology, Barcelona, Spain.
21. **Nigg, J.T.** (June, 1999). Executive functions in childhood psychopathology. Symposium comment presented at the biannual meetings of the International Society for Research in Child and Adolescent Psychopathology, Barcelona, Spain.
22. Poon, E., Puttler, L. I., Zucker, R. A., **Nigg, J.T.**, & Fitzgerald, H. E. (June, 1999). Pre-frontal cortex neuropsychological functioning in a community sample of alcoholic men (Abstract). *Alcoholism: Clinical and Experimental Research. Supplement: RSA Abstracts*, 23, 56A. Paper presented at the Annual Meeting of the Research Society on Alcoholism, Santa Barbara, CA.
23. Podolski, C.L., & **Nigg, J.T.** (August, 1999). Parental personality and social support in relation to child ADHD. Poster presented at the annual meetings of the American Psychological Association, Boston, MA.
24. **Nigg, J.T.** (November, 1999). Inhibition in ADHD: Pro and con. Paper presented at the annual meeting of the European Network on Hyperactivity Disorders (EUNETHYDIS), Paris, France.
25. **Nigg, J.T.** (November, 1999). Executive functioning in ADHD subtypes. Invited Colloquium at the Free University of Amsterdam Clinical Neuropsychology Department, Amsterdam, Netherlands.
26. Huang-Pollock, C., **Nigg, J.T.**, Henderson, J.M., & Carr, T.H. (June, 2000). Covert attention in children with ADHD. Poster presented at the annual meetings of the Association for Psychological Science, Miami, FL.
27. Puttler, L. I., Poon, E., Mun, E., **Nigg, J.T.**, Zucker, R. A., Fitzgerald, H. E., & Pickett, S. M. (June, 2000). Impulsivity and inhibitory control in sons of alcoholic men using the stop-signal paradigm (Abstract). *Alcoholism: Clinical and Experimental Research. Supplement: RSA Abstracts*, 24, 36A. Paper presented at the Annual Meetings of the Research Society on Alcoholism, Denver, CO.
28. **Nigg, J.T.**, Willcutt, E., Posner, M.I., Swanson, J., & Pennington, B. (April, 2001). New directions in ADHD research: Executive functions, genetics, and their integration. Symposium chaired at the Annual Meetings of the Society for Research in Child Development, Minneapolis.
29. **Nigg, J.T.**, Huang-Pollock, C., Friderici, K., & Rappley, M. (April, 2001). Genetic and neuropsychological approaches to ADHD: Toward integrative measurement. Presented at the Annual Meetings of the Society for Research in Child Development, Minneapolis.
30. Sachek, J., Zacks, R.T., & **Nigg, J.T.** (April, 2001). The development of cognitive inhibition in children. Poster presented at the Annual Meetings of the Society for Research in Child Development, Minneapolis.
31. Sheridan, M.A., Eade, C.C., Huang-Pollock, C., **Nigg, J.T.**, & Carr, T.H. (May, 2001). Complex task environments can facilitate performance of ADHD young adults: Story writing as a test

case. Poster presented at the annual meetings of the Midwest Psychological Association, Chicago, IL.

32. Glass, J.M., Puttler, L.I., Zucker, R.A. **Nigg, J.T.**, Poon, E., Twitchell, G.R., Adams, K.M., Fitzgerald, H.E. (June, 2001). Neuropsychological performance in adolescent children of alcoholic men. Abstract: *Alcoholism: Clinical and Experimental Research. Supplement: RSA Abstracts*, 25. Paper presented at the annual meetings of the Research Society on Alcoholism, Montreal.
33. Blaskey, L., & **Nigg, J.T.** (June, 2001). Competing neuropsychological models in child ADHD subtypes: Evidence for distinct deficit patterns. Poster presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, B.C.
34. Huang-Pollock, C.L., & **Nigg, J.T.** (June, 2001). Selective attention in ADHD: Response modulation vs. executive control deficits. Poster presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, B.C.
35. **Nigg, J.T.**, John, O.P., Huang-Pollock, C., Blaskey, L., Willcutt, E., Hinshaw, S., & Pennington, B. (June, 2001). Toward integration of personality traits and ADHD symptoms. Poster presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Vancouver, B.C.
36. **Nigg, J.T.** (August, 2001). Unitary versus multiple inhibition systems: A developmental perspective. Invited symposium paper presented at the annual meetings of the American Psychological Association, San Francisco, CA.

2002

37. **Nigg, J.T.** (February, 2002). Executive functions and aggression. Paper presented at the annual meetings of the International Neuropsychological Society, Toronto, ON.
38. Glass, J.M., **Nigg, J.T.**, Puttler, L.I., Adams, K.M., Wong, M.M., Fitzgerald, H.E., & Zucker, R.A. (June, 2002). Neuropsychological function in adolescent boys from high risk families: Deficits in response inhibition and complex processing speed. Abstract: *Alcoholism: Clinical and Experimental Research*, 26, Supplement, 125A. Poster presented at the annual meetings of the Research Society on Alcoholism.
39. Jester, J.M., **Nigg, J.T.**, Adams, K.M., Puttler, L.I., Fitzgerald, H.E., Wong, M.M., & Zucker, R.A. (June, 2002). Parental alcoholism predicts trajectory of attention problems across early to late childhood. Abstract: *Alcoholism: Clinical and Experimental Research*, 26, Supplement, 126A. (Presented at the annual meetings of the Research Society on Alcoholism).
40. Park L., Nummy K., Huang-Pollock C., Rappley M., **Nigg, J.T.**, & Friderici K. (October, 2002). Association and linkage study of ADHD using a polygenic model. Abstract: *American Journal of Human Genetics*, 67, 436. (Presented at annual meetings of the Am Society Hum Genetics).

2003

41. **Nigg, J.T.** (March, 2003). Behavioral inhibition and disruptive behavior disorders: Toward multi-process developmental models. Plenary Paper presented at the New York Academy of Sciences Conference on the Roots of Mental Illness in Children, New York, New York.
42. Stawicki, J., & **Nigg, J.T.** (March, 2003). Gender moderation of relation between parent psychopathology and child ADHD. Poster presented at the New York Academy of Sciences Conference on the Roots of Mental Illness in Children, New York, New York.
43. Huang-Pollock, C., & **Nigg, J.T.** (March, 2003). Covert spatial orienting and child ADHD: Meta-analytic findings. Poster presented at the New York Academy of Sciences Conference on the Roots of Mental Illness in Children, New York, New York.
44. **Nigg, J.T.** (April, 2003). Toward multi-pathway models of child attention-deficits and hyperactivity: Clues from gender, subtype, and family "endophenotype" data. Paper presented at the Center for Growth and Human Development, University of Michigan, Ann Arbor.

45. Stawicki, J., & **Nigg, J.T.** (April, 2003). ADHD subtypes and parent psychopathology. Poster presented at the annual meetings of the Society for Research in Child Development, Tampa, FL.
46. Counts, C., **Nigg, J.T.**, & Stawicki, J. (April, 2003). Family adversity and ADHD: New findings. Poster presented at the annual meetings of the Society for Research in Child Development, Tampa, FL.
47. Adams, K.M., Marks, K.A., Glass, J.M., **Nigg, J.T.**, Puttler, L.I., Wong, M.M., Fitzgerald, H.E., Jester, J., Zucker, R.A. (May, 2003). Risk for neuropsychological impairment in a community-recruited sample of subjects at risk for chronic alcoholism. Abstract: *Alcoholism: Clinical and Experimental Research*, 27(5), Supplement, 140A. Poster presented at the annual meetings of the Research Society on Alcoholism.
48. Glass, J.M., Adams, K.M., **Nigg, J.T.**, Puttler, L.I., Wong, M.M., Fitzgerald, H.E., Zucker, R.A. (May, 2003). Cognitive performance in a community sample: effects of alcohol diagnosis and gender. Abstract: *Alcoholism: Clinical and Experimental Research*, 27(5), Supplement, 140A. Poster presented at the annual meetings of the Research Society on Alcoholism.
49. Jester, J.M., **Nigg, J.T.**, Fitzgerald, H.E., Puttler, L.I., Wong, M.M., Zucker, R.A. (May, 2003). Trajectories of development of attention problems in children of alcoholics. Abstract: *Alcoholism: Clinical and Experimental Research*, 27(5), Supplement, 25A. Poster presented at the annual meetings of the Research Society on Alcoholism.
50. Wong, M.M., **Nigg, J.T.**, Puttler, L.I., Fitzgerald, H.E., Zucker, R.A. (May, 2003). Developmental trajectories of ego under control, externalizing problems and internalizing problems: Their effects on early onset of alcohol use. Abstract: *Alcoholism: Clinical and Experimental Research*, 27(5), Supplement, 66A. Poster presented at annual meetings of the Research Society on Alcoholism.
51. Stawicki, J., Counts, C.A., & **Nigg, J.T.** (August, 2003). Marital Conflict, Gender, and Childhood ADHD. Poster presented at the annual meetings of the American Psychological Association, Toronto, CA.
52. **Nigg, J.T.** (September, 2003). Testing the endophenotype model for ADHD: Family data and evidence for heterogeneity. Paper presented at the annual meetings of the European Network on Hyperactivity Disorders (EUNETHYDIS). Santorini, Greece.
53. Park, L., Nummy, K., Rappley, M., Waldman, I., M. Heubner, **Nigg, J.T.**, & Friderici, K. (November, 2003). Synergistic effects of multiple risk alleles on attention deficit hyperactivity disorder. Poster presented at the annual meetings of the American Society for Human Genetics, Los Angeles, CA.

2004

54. **Nigg, J.T.** (February, 2004). Neuropsychology of ADHD. Plenary paper at invited special meeting of the Society for Biological Psychiatry, Boston, MA.
55. Willcutt, E., Doyle, A., **Nigg, J.T.**, Pennington, B., & Faraone, S. (February, 2004). Meta-analysis of executive functioning in child ADHD. Plenary paper at invited special meeting of the Society for Biological Psychiatry, Boston, MA.
56. Stavro, G., Ettenhofer, M., Hambrick, D., Henderson, J.M., & **Nigg, J.T.** (May 2004). Executive functions in ADHD in adulthood: Links to early symptom expression. Poster presented at the annual meetings of the American Psychological Society, Chicago, IL.
57. Stavro, G., Klump, K.L., & **Nigg, J.T.** (May 2004). Neuropsychological examination of frontal lobe functioning and restrained eating. Paper presented at the annual meetings of the Academy for Eating Disorders, Orlando, FL.
58. **Nigg, J.T.** (May, 2004). Neuropsychological findings and theories in ADHD: The conceptual and empirical status of the field. Invited keynote paper presented at the annual meetings of the Northern California Neuropsychology Forum, San Francisco, CA.
59. **Nigg, J.T.** (May, 2004). Adults with ADHD: Recent neuropsychological findings and the Michigan State ADHD study. Invited keynote paper presented at the annual meetings of the

Northern California Neuropsychology Forum, San Francisco, CA.

60. **Nigg, J.T.** (May, 2004). Adult ADHD: Assessment instruments, issues, and guidelines for clinical practice. Invited paper presented at the annual meetings of the Northern California Neuropsychology Forum, San Francisco, CA.
61. Glass, J.M., Adams, K.M., **Nigg, J.T.**, Wong, M.M., Puttler, L.I., Jester, J.M., Fitzgerald, H.E., & Zucker, R.A. (June, 2004). Smoking mediates some of the neurocognitive effects of alcoholism. Abstract: *Alcoholism: Clinical and Experimental Research, 28(5), Supplement*, 148A. Poster presented at the annual meetings of the Research Society in Alcoholism.
62. Lussier, N., Stawicki, J., & **Nigg, J.T.** (August, 2004). Anxiety in children with ADHD: Rater source, gender, and subtype effects. Poster presented at the annual meetings of the American Psychological Association, Honolulu.
63. Park, L., Nummy, K, Rappley, M., **Nigg, J.T.**, & Friderici K. (October, 2004). Gender difference in the genetics of ADHD. Poster presented at the annual meetings of the American Society for Human Genetics. Toronto, CA.

2005

64. **Nigg, J.T.** (March, 2005). Inhibitory control: the role of psychopathology. Paper delivered at University of Texas APA-Sponsored Special Conference on Inhibition.
65. Miller, T., & **Nigg, J.T.** (April, 2005). Comorbid psychopathology in ADHD: ADHD subtypes may show different profiles with maturation from adolescence into early adulthood. Poster presented at the annual meetings of the Society for Research in Child Development, Atlanta.
66. Martel, M.M., & **Nigg, J.T.** (April, 2005). Temperament and child ADHD symptom domains. Poster presented at the annual meetings of the Society for Research in Child Development, Atlanta, GA.
67. Podolski, C.L., & **Nigg, J.T.** (April 2005). Maternal attributions about child disruptive behaviors in relation to child behaviors and maternal adjustment. Poster presented at the annual meetings of the Society for Research in Child Development, Atlanta.
68. Carr, L.A., Henderson, J.M., **Nigg, J.T.** (April, 2005). Inhibitory control in predominantly inattentive and combined subtypes of Adult AD/HD. Poster presented at the annual meetings of the Cognitive Neuroscience Society, New York.
69. Stavro, G.S., Miller, T.W., & **Nigg, J.T.** (May, 2005). Personality disorders do not account for cognitive deficits in adults with ADHD. Poster presented at the annual meetings of the American Psychological Society, Los Angeles, CA.
70. Ellis, B., & **Nigg, J.T.** (June, 2005). Parenting practices, ADHD, and externalizing behavior dimensions. Poster presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, New York.
71. Martel, M.M., & **Nigg, J.T.** (June, 2005). Sex differences in the relations among parent personality, child executive function, and ADHD. Poster presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, New York.
72. **Nigg, J.T.** (June, 2005). Conceptual issues in etiological models of ADHD. Paper delivered at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, New York.
73. Miller, T., & **Nigg, J.T.** (August, 2005). Axis I and Axis II comorbidity in adults with ADHD. Poster presented at the annual meetings of the American Psychological Association, Washington, D.C.
74. Stavro, G., Ettenhofer, M., & **Nigg, J.T.** (2005). Executive functions and adaptive Impairment in adults with ADHD. Poster presented at the annual meetings of the American Psychological Association, Washington, D.C.

2006

75. Sheridan, L., Fitzgerald, H.E., Adams, K.M., **Nigg, J.T.**, Martel, M.M., Puttler, L.I., Wong, M.M.,

- & Zucker, R.A. (February, 2006). Symbol-Digit Modalities Test: Normative data in non-clinical adults. Poster presented at the Annual Meetings of the International Neuropsychological Society, Boston.
76. Blaskey, L., Ferreira, F.F., & **Nigg, J.T.** (February, 2006). Inhibitory language deficits in attention deficit / hyperactivity disorder and reading disorder: A candidate shared deficit. Poster presented at the Annual Meetings of the International Neuropsychological Society, Boston.
77. Martel, M.M. & **Nigg, J.T.** (February, 2006). Executive functioning, speed, and ADHD symptom domains. Poster presented at the Annual Meetings of the International Neuropsychological Society, Boston.
78. **Nigg, J.T.**, & Martel, M.M. (February, 2006). Temperament and executive functioning: Joint clues about multiple inputs to ADHD. Paper presented at the Annual Meetings of the International Neuropsychological Society, Boston.
79. Waldman, I.I., Gizer, I., **Nigg, J.T.**, & Friderici, K. (February 2006). Assessing the validity and utility of executive function endophenotypes for ADHD: Associations with the adrenergic receptor 2A gene (ADRA2A). Paper presented at the Annual Meetings of the International Neuropsychological Society, Boston.
80. **Nigg, J.T.**, Friderici, K., Park, L.Y. (February, 2006). Executive functioning as an ADHD endophenotype: Familial and molecular genetic evidence. Paper presented at the Annual Meetings of the International Neuropsychological Society, Boston.
81. **Nigg, J.T.** (May, 2006). Multiple pathway models of ADHD: From mechanism to etiology. Paper presented at the annual meetings of the American Psychological Society, New York, NY.
82. **Nigg, J.T.** (August, 2006). ADHD: What are the routes and causes most worth pursuing? Invited Division 53 award address presented at the annual meetings of the American Psychological Association, New Orleans, LA.
83. Martel, M.M., & **Nigg, J.T.** (August, 2006). Temperament, executive functioning, and ADHD. Poster presented at the annual meetings of the American Psychological Association, New Orleans, LA.
84. **Nigg, J.T.** (October, 2006). ADHD Neuropsychology and Etiology: Links to genes and lead exposure. Invited keynote address at the annual meetings of the European Network on Hyperactivity Disorders (EUNETHYDIS), Brugges, Belgium.
85. Nikolas, M., Friderici, K., & **Nigg, J.T.** (October, 2006). Interplay of serotonin transporter genotype, catecholamine genes, and risk for ADHD and conduct disorder: Evidence for partial specificity of effects. Poster presented at the annual meetings of the European Network on Hyperactivity Disorders (EUNETHYDIS), Brugges, Belgium.
86. Nikolas, M., **Nigg, J.T.**, Housley, D., Friderici, K., & Waldman, I. (2006, October). Associations between the dopamine beta-hydroxylase gene and ADHD using a whole gene approach: Marker selection strategies and preliminary findings. Poster presented at the 7th Annual ADHD Molecular Genetics Network Meeting, Brussels, Belgium.
87. **Nigg, J.T.** The neuropsychology of ADHD. (October 2006). Invited seminar at the annual meetings of the International Molecular Genetics of ADHD Network. Brussels, Belgium.
88. **Nigg, J.T.**, Breedlove, M., Nunez, A., Sisk, S., & Bucci, D. (November, 2006). Sex differences in simple conditioning in SHR rats: the role of sex hormones. Poster presented by D. Bucci at the annual meetings of the Society for Neuroscience. Atlanta, GA.

2007

89. Carr, LH, Carr, TH, & **Nigg, J.T.** (2007, February) Temporal perception and the effect of subtype in adults with ADD/ADHD. Poster presented at the 17th Annual meetings of the International Neuropsychological Society. Portland OR
90. Nikolas, M., Martel, M., & **Nigg, J.T.** (2007, February). Executive functioning in adolescents with attention-deficit hyperactivity disorder (ADHD). Paper presented at the 17th Annual meetings of the International Neuropsychological Society. Portland, Oregon.

91. Martel, M.M. & **Nigg, J.T.** (2007, March). External validation of temperament/personality structure in adolescents with ADHD. Paper presentation at the meeting of the Society for Research in Child Development. Boston, MA.
92. Nikolas, M., **Nigg, J.T.**, & Friderici, K. (2007, March). Genetic and environmental risk factors in the development of ADHD and associated disruptive behavior disorders. Poster presented at the Society for Research in Child Development Biennial Meeting. Boston, Massachusetts.
93. Ellis, B., & **Nigg, J.T.** (2007, March). Parenting and ADHD. Poster presented at the Society for Research in Child Development Biennial Meeting. Boston, Massachusetts.
94. Martel, M.M. & **Nigg, J.T.** (2007, June). A physiological marker of prenatal testosterone exposure and childhood Attention-Deficit/Hyperactivity Disorder. Poster presented at the biannual meeting of the International Society for Research in Child and Adolescent Psychopathology. London, UK.
95. Nikolas, M., Friderici, K., & **Nigg, J.T.** (2007, June). Genetic and psychosocial risk factors for externalizing disorders in adolescence. Poster presented at the biannual Meeting for the International Society for Research in Child and Adolescent Psychopathology. London, UK.
96. **Nigg, J.T.** (2007, June). Toward ADHD epigenesis: genes and toxins in ADHD development. Paper and symposium presented at the biannual Meeting for the International Society for Research in Child and Adolescent Psychopathology. London, UK.
97. **Nigg, J.T.** (2007, June). Temperament, ADHD, and substance abuse: data and conceptual considerations. Paper presented at the University of Louvain Expert Conference on Inhibition and Psychopathology. Leuven, Belgium.
98. Martel, M.M., Jenai, J., & **Nigg, J.T.** (2007, June). Temperament and externalizing disorders. Paper presented at University of Louvain Expert Conference on Inhibition and Psychopathology. Leuven, Belgium.
99. Sheridan, L.K., **Nigg, J.T.**, Martel, M.M., Fitzgerald, H.E., & Zucker, R.A. (2007, July). Does executive functioning mediate the relationship between temperament and alcohol problems from childhood to adolescence? Poster presented at the annual meetings of the Research Society on Alcoholism. Chicago, IL.
100. **Nigg, J.T.** (2007, August). ADHD development. Discussant for symposium at the annual meetings of the American Psychological Association, San Francisco, CA.
101. **Nigg, J.T.**, & Nikolas, M. (2007, October). G x E, mechanisms, and etiology in ADHD revisited. Paper presented at the annual meetings of the European Hyperactivity Network (EUNETHYDIS), Calgiari, Italy.
102. Nikolas, M., **Nigg, J.T.**, Friderici, K., & Waldman, I.D. (2007, October). Genes and environmental contaminants interact in ADHD. Paper presented at the annual World Congress on Psychiatric Genetics, New York, NY.
103. **Nigg, J.T.**, Hopkins, M.E., Breedlove, S.M., Nunez, A.A., Sisk, C., & Bucci, D.J. (2007, November). Differential effects of testosterone on learning in Spontaneously-Hypertensive (SHR) and Wistar rats. Paper presented at the annual meetings of the Society for Neuroscience, San Diego, CA. Program No. 386.13, Neuroscience Meeting Planner.

2008

104. Nikolas, M., **Nigg, J.**, & Friderici, K. (February, 2008). Moderating effects of dopamine transporter genotype on the relationship between executive function and ADHD symptoms in adolescence. Paper presented at the 36th Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
105. Martel, M.M., Pierce, L., **Nigg, J.T.**, Jester, J.M., Wong, M., Buu, A., Puttler, L.I., Fitzgerald, H.E., & Zucker, R.A. (February, 2008). Developmental changes in executive function. Poster presented at the 36th Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
106. Miller, T., & **Nigg, J.T.** (March, 2008). Do family risk factors predict externalizing behavior?

Poster presented at the annual meetings of the Society for Research in Adolescence, Chicago, IL.

107. **Nigg, J.T.** (March, 2008). ADHD in adolescents. Lecture presented at the 7th Annual Medical School Pediatric Research Day, East Lansing, MI.
108. Wong, M. M., **Nigg, J.T.**, Heitzeg, M., Puttler, L., Buu, A., & Zucker, R. (May, 2008). Childhood sleep problems predict poor response inhibition and onset of alcohol use. Poster presented at the annual meeting of the American Psychological Society, Chicago

2009

109. Martel, M.M., Nikolas, M., & **Nigg, J.T.** (March, 2009). Personality mediation of catecholamine association with Attention-Deficit/Hyperactivity Disorder. Poster presentation at the annual meeting of the Society for Research in Child Development. Denver, CO.
110. Nikolas, M., Martel, M., **Nigg, J.T.**, & Friderici, K. (April, 2009). Relationships among executive functioning, ADHD subtype diagnoses, and dopamine transporter genotype. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, Colorado.
111. Miller, T.W., **Nigg, J.T.** (April, 2009). Family risk factors and neurocognitive functioning in ADHD. Poster Presented at the Annual Meetings of the Society for Research in Child Development, Denver, Colorado.
112. **Nigg, J.T.**, Carr, L., Goth Owens, T., Martel, M., Henderson, J., & Martinez-Torteya, C. (June, 2009). ADHD subtypes: the question of the non-hyperactive type of ADHD. Paper and symposium presented at the Annual Meetings of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.
113. Nikolas, M., & **Nigg, J.T.** (June, 2009). Gene by environment interaction in ADHD. Paper presented at the Annual Meetings of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.
114. Martel, M.M., & **Nigg, J.T.** (June, 2009). A person centered approach to understanding ADHD. Poster presented at the Annual Meetings of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.
115. Martel, M.M., Nikolas, M., & **Nigg, J.T.** (June, 2009). External validation of personality-based subtypes of attention-deficit/hyperactivity disorder (ADHD). Poster presented at the Annual Meetings of the International Society for Research in Child and Adolescent Psychopathology, Seattle, Washington.
116. Engelhardt, P. E., Corley, M., **Nigg, J. T.**, & Ferreira, F. (September, 2009). The role of inhibition, intelligence, and working memory on the production of disfluencies. Poster presented at the 15th Annual Meeting of the Architectures and Mechanisms of Language Processing Conference. Barcelona, Spain.
117. **Nigg, J.T.** (October, 2009). Endophenotypes and ADHD: where do we stand? Paper presented at the Annual Meetings of the European Network for Hyperactivity Research (EUNETHYDIS), Winchester, England.
118. **Nigg, J.T.** (October, 2009). ADHD Subtypes: validity of DSM-IV and alternatives as we contemplate DSM-V. Paper presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, Honolulu.
119. **Nigg, J.T.** (October, 2009). Progress on the neuropsychology of ADHD. Paper presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, Honolulu.
120. **Nigg, J.T.** (November, 2009). Joint effects of toxic exposures and risk genotypes on ADHD. Paper presented at the annual World Congress of Psychiatric Genetics, San Diego CA.

2010

121. Mills, K.L., Blythe, M.S., Bathula, D., Costa-Dias, T.G., Zhang, D., Snyder, A.Z., Raichle, M.E., Stevens, A.A., **Nigg, J.T.**, Fair, D.A., Nagel, B.J. (March, 2010). Maturing thalamocortical

- connectivity across development. Post presented at the meetings of the Oregon Society for Neuroscience, San Francisco.
122. Costa-Dias, T.G., Blythe, M.S., Posner, J., Nagel, B.J., Bathula, D., Mills, K.L., Giwa, A., Schmitt, C., Fair, D.A., **Nigg, J.T.** (March, 2010). Atypical default connectivity in youth with ADHD. Poster presented at the meetings of the Oregon Society for Neuroscience, San Francisco.
 123. **Nigg, J.T.** (2010, May). Neuropsychological and neurobiological subtyping of ADHD. Lecture presented at the annual meeting of the European Network of Hyperactivity Research, Amsterdam.
 124. Nikolas, M, & **Nigg, J.T.** (May, 2010). Neuropsychological effects in ADHD subtypes in DSM-IV and proposed in DSM-V. Paper presented at the annual meeting of the European Network of Hyperactivity Research, Amsterdam.
 125. Roberts, B.A., Gremillion, M.L., Martel, M.M., & **Nigg, J.T.** (May, 2010). Are there executive dysfunction subtypes within ADHD? Poster presented at the annual meetings of the European Network of Hyperactivity Research, Amsterdam.
 126. Fair, D., Nagel, B., Batula, D., **Nigg, J.T.** (May, 2010). The default network and ADHD. Paper Poster presented at the annual meetings of the European Network of Hyperactivity Research, Amsterdam.
 127. **Nigg, J.T.** (October, 2010). Temperament and psychopathology in development. Symposium discussant, Society for Research in Psychopathology, Seattle, WA.
 128. Costa-Dias, T.G., Nagel, B.J., Blythe, M., Mills, K.L., **Nigg, J.T.**, & Fair, D.A. (October, 2010). Reward circuit connectivity in children with ADHD. Poster presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, New York, October 28.
 129. Musser, E., & **Nigg, J.T.** (October, 2010). Autonomic nervous system responding during emotion induction and suppression in children with ADHD. Poster presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, New York, October 28.
 130. **Nigg, J.T.** (November, 2010). ADHD brain mechanisms and heterogeneity. Lecture presented at the annual ADHD Research meeting of the Federal University of Porto Alegre, Brazil, Nov 5.
 131. **Nigg, J.T.**, (November, 2010). ADHD neuropsychology and genetics. Lecture presented at D'Or Institute for Research and Education, Rio de Janeiro, Brazil. Nov 8th.
 132. **Nigg, J.T.** (November 2010). Update on ADHD Neuropsychology, Etiology, and Research. Invited workshop at the annual meeting of the CHADD (Children and Adults with Attention Deficit Hyperactivity Disorder). November 11, Atlanta, Georgia.
 133. **Nigg, J.T.** (November, 2010). Prospects for DSM-5 and ADHD. Paper presented at the annual meetings of the CHADD (Children and Adults with Attention Deficit Hyperactivity Disorder). November 11, Atlanta, Georgia.
 134. Bathula, D.R., Stevens, C.A., Mills, K.L., Costa-Dias, T., Blythe, M.S., Lahna, D., Schwartz, D., Hoffman, W., Stevens, A.A., **Nigg, J.T.**, Nagel, B.J., & Fair, D.A. (November 2010). Differential relations between functional and structural thalamocortical connectivity across development. Poster presented at the annual meetings of the Society for Neuroscience, San Diego.

2011

135. Musser, E.D., Backs, R.W., **Nigg, J.T.** (March, 2011). Emotion regulation in middle childhood: Autonomic correlates of negative and positive emotion induction and suppression. Poster presented at the annual meetings of the Society for Research in Child Development, Montreal, March 31.
136. Costa Dias, T. G. & **Nigg, J.T.** (April, 2011). Reward circuit connectivity relates to delay discounting in children with ADHD. Poster presented at the Oregon Chapter Meeting of the Society for Neuroscience.
137. Thurlow, B. L. & **Nigg, J.T.** (April, 2011). Examining a method to improve data collection in youth for functional connectivity MRI studies. Poster presented at the Oregon Chapter Meeting

of the Society for Neuroscience.

138. Musser, E.D., & **Nigg, J.T.** (June, 2011). Physiological validity of separating callous and unemotional traits from other externalizing behavior. Paper presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Chicago.
139. Karalunas, S., **Nigg, J.T.**, & Huang-Pollock, C. (June 2011). Inter-individual variability and ADHD symptom domains. Poster presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Chicago.
140. **Nigg, J.T.** (June, 2011). Issues in applying empirical research to DSM-5 nosology. Discussion presented at the annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Chicago.
141. Costa Dias, T., **Nigg, J.T.**, Fair, D. (June, 2011). Reward circuit connectivity relates to delay discounting in children with ADHD. Poster presented at the 17th Annual Meeting of the Organization of Human Brain Mapping, Quebec City, Canada.
142. Fair, D. & **Nigg, J.T.** (June, 2011). Using resting-state fMRI to characterize the developmental course of subjects with ADHD. Abstract presented at the 17th Annual Meeting of the Organization of Human Brain Mapping, Quebec City, Canada.
143. Mennes, M., Gutman, D., Kelly, C., Bangarue, S., Zuo, X, Zang, Y., Wang, Y., Velanova, K., Schweitzer, J.B., **Nigg, J.T.**, Mostofsky, S., Luna, B., Kennedy, D., Fair, D., Dickstein, D., Buitelaar, J.K., Castellanos, F.X., Milham, M.P. (June, 2011). Functional connectomics of ADHD: Insights from the ADHD-200 sample. Poster presented at the 17th Annual Meeting of the Organization of Human Brain Mapping, Quebec City, Canada.
144. **Nigg, J.T.** (July, 2011). Translating cognitive neuroscience research into understanding pathophysiology of ADHD. Paper presented at the annual Summer Institute in Cognitive Neuroscience, Santa Barbara, CA
145. Waldman ID, Nikolas MM, Nummy K, **Nigg, J.T.**, Friderici K (September, 2011) Common SNPs in *DRD5* have unique effects on childhood ADHD. Poster presented at the annual meetings of the World Congress of Psychiatric Genetics, Washington, D.C.
146. Waldman ID, Nikolas MM, Nummy K, **Nigg, J.T.**, Friderici K (October, 2011) Common SNPs in *DRD5* have unique effects on childhood ADHD. Poster presented at the annual meetings of the American Society for Human Genetics, Montreal, CA.
147. **Nigg, J.T.**, Musser, E.D., & Schmitt, C. (November, 2011). Biomarker predictors of ADHD course: a new longitudinal study. Paper presented at the annual meetings of the European Network of Hyperactivity Researchers (EUNETHYDIS), Budapest.
148. Fair, D., Costa-Dias, T., & **Nigg, J.T.** (November, 2011). Default network related to reward networks in ADHD. Paper presented at the annual meetings of the European Network of Hyperactivity Researchers (EUNETHYDIS), Budapest.
149. **Nigg, J.T.** (November, 2011). Neurotoxicants, genetics, and etiology of ADHD. Paper presented at the 27th Annual International Neurotoxicology Conference, Research Triangle Park, North Carolina. November 1st.
150. Hawkey, E., & **Nigg, J.T.** (November, 2011). Meta-analysis of long chain polyunsaturated fatty acids and ADHD. Paper presented at the 27th Annual International Neurotoxicology Conference, Research Triangle Park, North Carolina. November 2nd.
151. Mills, KL, Bathula, D, Costa-Dias, T., Iyer, S., Fenesy, M.C., Musser, E.D., Stevens, C.A., Thurlow, B.L., Carpenter, S.D., Buitelaar, J., Castellanos, F.X., Dickstein, D.P., Kennedy, D., Luna, B., Milham, M.P., Mostofsky, S., Schweitzer, J.B., Velanova, K., Wang, Y., Zang, Y., Nagel, B.J., **Nigg, J.T.**, & Fair, D.F. (November, 2011). Altered cortico-striatal-thalamic connectivity in relation to spatial working memory capacity in children with ADHD. Poster presented at Society for Neuroscience, Washington D.C. November 10th.

2012

152. Culbert, K.M., Burt, S.A., Sisk, C.L., **Nigg, J.T.**, & Klump, K.L. (May 2012). The effects of

puberty and circulating testosterone on differential risk for disordered eating in adolescent males. Paper to be presented at the International Conference on Eating Disorders, Austin, Texas.

153. Galloway-Long, H., Fenesy, M., Musser, E.D., **Nigg, J.T.**, Karalunas, S.L. (May, 2012). Children's reactions to interparental conflict predict depressive symptoms in an ADHD population. Poster presented at Association for Psychological Science (APS), Chicago, IL.
154. Harmon, S. **Nigg, J.T.**, Karalunas, S.L. (May, 2012). Children with ADHD and superior IQ show significant impairment in response inhibition. Poster presented at Association for Psychological Science (APS), Chicago, IL.
155. Alarcon, G., Musser, E.D., **Nigg, J.T.**, Karalunas, S.L. (May, 2012). Relating working memory deficits in childhood attention deficit hyperactivity disorder (ADHD) to autonomic nervous system functioning. Poster presented at Association for Psychological Science (APS), Chicago, IL, 2012.
156. Fair, DA, Costa Dias, TG, Grayson, DS, Carpenter, SD, Grieser-Painter, JS, Iyer, S., & **Nigg, J.T.** (May, 2012). The restless brain in ADHD. Paper presented at the EUNETHYDIS International Meeting, Barcelona, Spain.
157. Grayson, DS, Badve, C., Nagel, BJ, **Nigg, J.T.**, Fair, DA (May, 2012). Altered structural connectivity in youth with ADHD. Poster presented at the EUNETHYDIS International Meeting, Barcelona, Spain.
158. Costa-Dias TG, Iyer, SP, Carpenter SD, **Nigg, J.T.**, Fair DA (May, 2012). Distinct communities of youth with and without ADHD based on functional connectivity patterns. Poster presented at the EUNETHYDIS International Meeting, Barcelona, Spain.
159. **Nigg, J.T.**, Musser, E, Fair, D, & Karalunas S. (October, 2012). ADHD, *positive and negative* cross validation of distinct subgroups. Paper presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry.
160. **Nigg, J.T.**, Aykes, K, Karalunas, S, Musser E, Nagel B, & Fair D. (October, 2012). Longitudinal change in ADHD and neural connectivity in childhood. Paper presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry.
161. **Nigg, J.T.**, Musser, E.D., Karalunas, S.L., Fair, D., Nagel, B. (October, 2012). Symptoms of negative emotion in ADHD over time: Biomarkers and cognitive indicators. Paper presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, October 2012.

2013

162. Musser, E., & **Nigg, J.T.**, (May, 2013). Child Attention-Deficit/Hyperactivity Disorder and parental expressed emotion. Poster presented at the annual meetings of the Association for Psychological Science, Washington, DC.
163. Ward, A. R., Musser, E. D., Karalunas, S., **Nigg, J. T.** Oppositional Defiant Symptoms Uniquely Associated with Working Memory Deficits in Childhood ADHD. (May 2013). Poster presented at the annual meetings of the Association for Psychological Science, Washington, D.C.
164. K. Senn, J. B. Roullet, L. Voltolina, D. A. Fair, A. D. Hagen, **J. Nigg**, L. Huang-Storms and E. Fombonne. (May 2013). Psychotropic Drug Use and CAM in ASD: Prevalence and Correlates in the Ohsu ATN Site. Poster presented at International Meeting for Autism Research.
165. A. D. Hagen, D. J. Kriz, S. W. Duvall, D. Ettinger, C. Green, A. P. Hill, K. Freeman, J. van Santen, **J. Nigg**, D. A. Fair and E. Fombonne. (May 2013). Aggressive Behaviors in ASD: Prevalence and Correlates in a Large Clinical Sample. Poster presented at International Meeting for Autism Research.
166. Senn, K, Roullet, JB, Voltolina L, Fair, D, Hagen, AD, **Nigg, J.T.**, Lollar, D, & Fombonne E. (May 2013). Psychotropic drug use and CAM in ASD: prevalence and correlates at the OHSU ATN site. Poster presented at the International Meeting for Autism Research (IMFAR), San Sebastian, Spain.
167. Karalunas, S.L., **Nigg, J.T.**, Carpenter, S., Cservenka, A., Alarcon, G., Fair, D., Nagel, B.J.

- (June 12-15 2013). Widespread white matter abnormalities in ADHD when accounting for motion. Poster presented at the International Society for Research in Child and Adolescent Psychopathology (ISRCAP), Leuven, Belgium.
168. Martel, M.M., Karalunas S.L., **Nigg, J.T.** Clinical utility of positive and negative valence and control systems in ADHD. Paper presented at the International Society for Research in Child and Adolescent Psychopathology, Leuven, Belgium, (June 2013).
169. Karalunas, S.L., Aykes, K. , Iyer, S. , Fair, D.A., **Nigg, J.T.** (June 13-16, 2013). Functional brain connectivity patterns differentiate novel temperament-based subgroups in ADHD. Poster presented at Organization for Human Brain Mapping (OHBM), Seattle, WA.
170. *Aykes, K., Costa Dias, T.G., Mitchell, S., **Nigg, J.T.**, Fair, D.A. (June 13-16, 2013). Human amygdala functional connectivity in relation to delay discounting in children with ADHD. Poster presented at Organization for Human Brain Mapping (OHBM), Seattle, WA.
171. *Ray, S., Grayson, D., Miller, M., Carpenter, O., Cary, P., Stevens, C., Hawkey, E., Painter, J., Kritz, D., **Nigg, J.T.**, Fair, D. (June 13-16, 2013). Structural and Functional Rich Club Organization in children with ASD and ADHD. Poster presented at Organization for Human Brain Mapping (OHBM), Seattle, WA.
172. *Cary, R., Ray, S., Grayson, D., Painter, J., Carpenter, S., **Nigg, J.T.**, Fair, D. (June 13-16, 2013). A rich club and community structure examination of adult ADHD. Poster presented at Organization for Human Brain Mapping (OHBM), Seattle, WA.
173. Culbert, K.M., Burt, S.A., Sisk, C.L., **Nigg, J.T.**, & Klump, K.L. (June, 2013). The effects of puberty and circulating testosterone on risk for disordered eating in adolescent males. Poster presented at the Society for Behavioral Neuroendocrinology Annual Meeting, Atlanta, GA.
174. **Nigg, J.T.** (2013, October). Developmental origins of ADHD. Lecture presented at the annual meetings of the European Network of Hyperactivity researchers (EUNETHYDIS), Prague.

2014

175. Nikolas, M., & **Nigg, J.T.** (March 2014). The impact of Pubertal Development on Etiological Mechanisms and Comorbidity of Attention-Deficit Hyperactivity Disorder in Adolescence. Paper presented at SRA Biennial Meeting, Austin, TX.
176. **Nigg, J.T.** (May, 2014) Environmental Influences on ADHD. Institute of Environmental Health Seminar, Portland Oregon,
177. Mooney, M., McWeeney, S., **Nigg, J.T.**, Wilmot, B. (July 2014) Modeling Pathway-Level Effects: The Impact of Pathway Size, Variable Selection, and Permutation Tests. ISMB 2014.
178. Wilmot, B, Mooney M, Faraone SV, McWeeney S, **Nigg, J.T.** (October 2014). Utilizing Genetic Architecture to Model Pathway Level Effects in Attention Deficit Hyperactivity Disorder. World Congress of Psychiatric Genetics. Copenhagen, Denmark.
179. Mills, B., Baruël, L., Miranda-Domínguez, O., Earl, E., Carpenter, S., **Nigg, J.T.**, Fair, D. (November, 2014): Longitudinal development of functional brain networks in ADHD. Presented at Society for Neuroscience in Washington D.C.
180. Mahnoosh, N., **Nigg, J.T.**, Fair, D. (November, 2014). Resting state functional connectivity MRI predicts future Reaction time variability in children with and without ADHD. Presented at Society for Neuroscience in Washington D.C.
181. **Nigg, J.T.** (November, 2014) Environmental causes and ADHD. Presented at Making Connections. Conference. Eugene, OR.

2015

182. Ward, A., Alarcon, G., **Nigg, J.T.**, Musser, E. (March, 2015). Parasympathetic nervous system dysregulation underlying working memory deficits in children with ADHD. Poster presented at SRCD Biennial Meeting, Philadelphia, PA.
183. Elmore, A., **Nigg, J.T.**, Friderici, K., Jernigan, K., Nikolas, M. (March, 2015) 5HTTLPR

- Genotype moderates links among family functioning and child temperament among youth with ADHD. Poster presented at SRCD Biennial Meeting, Philadelphia, PA.
184. Musser, E., Stadler, D., Wright, S., Olson, B., Holton, K., Shannon, J., Steiner, R., **Nigg, J.T.** (March, 2015). Previously underexplored perinatal risk factors for ADHD: Roles of maternal obesity and breastfeeding Duration. Poster presented at SRCD Biennial Meeting, Philadelphia, PA.
 185. **Nigg JT** (May, 2015). Approaches to heterogeneity and nosology in ADHD using RDoC as well as clinical theory. Paper presented at the Annual World Congress on ADHD, Glasgow, Scotland, May 29th.
 186. Demeter, D.V., Earl, E., Cary, P., Hawkey, E.J., Painter, J.G., **Nigg, J.T.**, & Fair, D.A. (2015, June). The effects of stimulant medication on functional network development in ADHD. Poster to be presented at the annual meeting of the Organization for Human Brain Mapping, Honolulu, HI.
 187. Hawkey, E.J., Demeter, D.V., Cary, P., Earl, E., Grieser Painter, J., Langhorst, M. , Kriz, D. , Hill, A.P., Fombonne, E., **Nigg, J.T.**, Fair, D.A. (June, 2015) Uncovering distinct neural networks through community detection in children with Autism. Poster presented at the annual Organization for Human Brain Mapping meeting, Honolulu, HI.
 188. Hawkey, E., Demeter, D., Cary, P., Earl, E., Grieser Painter, J., **Nigg, J.T.**, Fair, D.A. (July, 2015). Uncovering neural networks through community detection in children with ADHD and autism. Poster to be presented at the bi-annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
 189. Demeter, D., Earl, E., Cary, P., Hawkey, E., Grieser Painter, J., **Nigg, J.T.**, Fair, D. A. (July, 2015). The effects of stimulant medication on functional network development in ADHD. Poster to be presented at the bi-annual meetings of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
 190. **Nigg, J.T.** (July, 2015). The future of child psychopathology research involving prenatal programming, epigenetics, and biomarkers. Presidential Address delivered at the biennial meetings of the International Society for Research in Child and Adolescent Psychopathology, Portland, OR.
 191. Bauer, BW, **Nigg, JT**, & Karalunas, SL (October, 2015). Working memory and negative affect mediate increased suicidal ideation in childhood attention-deficit/hyperactivity disorder. Poster presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, San Antonio, TX.
 192. Miller, L, Tipsord, J., Gustafsson, H, & **Nigg JT** (October, 2015). Childhood ADHD and Socioeconomic Status: Accounting for the Impact that Social Disadvantage Has on Diagnosis and Symptom Severity. Poster presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, San Antonio, TX.
 193. Wilmot, Fry R, Smeester L, Musser ED, Mill J, & **Nigg JT** (Oct, 2015). Methylomic analysis of salivary DNA in childhood ADHD. Poster presented at the Annual Meetings of the *World Congress of Psychiatric Genetics, Toronto, CAN.*

2016

194. Holton KF, Johnstone JM, **Nigg JT.** (2016, April). The association of dietary glycine and glutamate with ADHD. Poster presented at the annual meetings of *The American Society for Nutrition (Experimental Biology)*, San Diego, CA.
195. Mills KL, Earl E, Mirdanda-Dominguez O, Demeter DV, Weston AW, Buckley S, **Nigg JT**, & Fair DA (2016, June). Cortical development of children with ADHD: Effects of motion on developmental trajectories. Poster presented at annual meetings of the Organization for Human Brain Mapping, Geneva, June 28.
196. **Nigg, JT** (September, 2016). Epigenetics and the environment in early development of psychopathology. Annual meetings of the FLUX association, St. Louis, MO.

197. Mirdanda-Dominguez O, Feczko, E, **Nigg, JT**, Fair DA (November, 2016). Heritability of the human connectome. Poster presented at the Annual Meetings of the Society for Neuroscience, San Diego, CA, Nov 13.
198. Feczko E, Balba N, Miranda-Dominguez O, Cordova M...**Nigg JT**, Fair D (November 2016). *Characterizing heterogeneity in autism spectrum disorders using random forest algorithm*. Poster presented at the Annual Meetings of the Society for Neuroscience, San Diego, CA, Nov 20.

2017

199. **Nigg, JT**. (January, 2017). Environment and ADHD: Rationale and approaches to addressing causal confound and rGE. Address presented at the Annual Meetings of the APSAARD. Washington, DC, January 15.
200. **Nigg, JT** (April, 2017). ADHD Etiology—putting together phenotype, genetics, and brain. Address presented at the annual World Congress on ADHD. Vancouver, CAN.
201. **Nigg JT** (April 2017). Big data and advanced analytics: Prospects and challenges for ADHD research and practice. Address presented at the annual World Congress on ADHD. Vancouver, CAN.
202. Song, M., Dieckmann, N., & **Nigg JT** (April 2017). Can we resolve varying ADHD prevalence estimates in the U.S.? A closer look at NSCH 2007-2008 and 2011-2012. Poster presented at the World Congress for ADHD Research and Practice, Vancouver CAN. *Best Poster Award Winner*.
203. Patel DJ, Langhorst B, Graham A, Cordova M, Kriz D, Duvall S, Grieser-Painter J, Fombonne E, **Nigg JT**, Fair, D. (April, 2017). Subdimensions of social-communication impairment across autism spectrum disorders and attention-deficit/hyperactivity disorder. Poster presented at the Biennial meetings of the *Society for Research in Child Development*. Austin, TX.
204. Jester JM, **Nigg JT**, Heitzeg MM & Zucker RA. (June 1, 2017). Decreased cognitive function as related to alcohol and nicotine consumption over an 11 year interval in middle age. Poster presented at annual meetings of the Society for Prevention Research. Washington, D.C.
205. Gustafsson H, Sullivan E., **Nigg JT**, Loftis J. (June 10, 2017). Maternal prenatal depression predicts infant negative affect via maternal inflammatory cytokine levels. Poster presented at the annual meetings of *The Psychoneuroimmunology Society* (PNIRS), Galveston, TX.
206. Mills, BD, Miranda-Dominguez, O, Earl, E, Cordova, M, Painter, J, Karalunas, SL, **Nigg, JT**, Fair DA. (June 28, 2017). ADHD and Attentional Control: Impaired Segregation of Task Positive and Task Negative Brain Networks. Poster presented at the annual meetings of the *Organization for Human Brain Mapping*. Vancouver, CAN.
207. Cordova, M. Feczko, E, Miranda-Dominguez, O, Demeter, DV, Balba, N, Perrone, A, Shada, K, Graham, A, Langhorst, B, **Nigg, JT**, Fombonne, E, Fair, DA, (June 26, 2017). Addressing heterogeneity challenges in ASD with ADHD impairments using machine learning and fMRI. Poster presented at the annual meetings of the *Organization for Human Brain Mapping*. Vancouver, CAN. June 26.
208. Doyle O, Grayson D, Cordova M, Fombonne E, **Nigg JT**, Fair DA (June 26, 2017). Altered Structural Connectivity in Autism and Associations with Executive Functioning. Poster presented at the annual meetings of the *Organization for Human Brain Mapping*. Vancouver, CAN.
209. **Nigg JT** (June 29, 2017). Emotion regulation and ADHD. Symposium discussant, Biennial Meetings of the *International Society for Research in Child and Adolescent Psychopathology*, Amsterdam.
210. **Nigg JT** (June, 29, 2017). Novel approaches to ADHD subtyping using longitudinal data. Symposium discussant, Biennial Meetings of the *International Society for Research in Child and Adolescent Psychopathology*, Amsterdam.

2018

211. Savoy A, Jones S, **Nigg JT**, Nagel B, Karalunas S (March, 2018). Frontal white matter microstructure differences predict cognitive and behavioral impulsivity in ADHD. Poster presented at the Annual Meetings of the Association for Psychological Science.
212. [for grant but not author] Nelson R & Jones TM (Aug, 2018). Executive functioning mediates effortful control on ADHD symptom severity. Poster presented at the Annual Meetings of the American Psychological Association.]]
213. Cordova M, Feczko E, Miranda-Dominguez O, Demeter DV, Perrone A, Doyle O, Schifsky E, Shada K, Graham A, Langhorst B, **Nigg JT**, Fair DA (Sept 1, 2018). Characterizing heterogeneity of executive function across ASD and ADHD using machine learning and fMRI. Poster presented at the annual meetings of the FLUX Society (The Society for Developmental Cognitive Neuroscience), Berlin.
214. Doyle O, Grayson D, Miranda Dominquez O, Cordova M, Fombonne E, **Nigg JT**, Fair DA (Sept 2018). Structural Brain Connectivity Networks Differences in Children with Autism. Poster presented at the annual meetings of the FLUX Society (The Society for Developmental Cognitive Neuroscience), Berlin.
215. Johnstone, J...**Nigg, JT**, Cortese S. (Oct 24, 2018). Review of neurofeedback findings in ADHD. Lecture presented at the Annual Meetings of the American Academy of Child and Adolescent Psychiatry, Seattle.
216. **Nigg JT**. (Oct 25, 2018). New directions in ADHD treatment. Symposium discussant at the Annual Meetings of the American Academy of Child and Adolescent Psychiatry, Seattle.
217. **Nigg JT** (Oct 26, 2018). Endophenotypes and ADHD using molecular genetic data. Symposium organizer and presenter, at the Annual Meetings of the American Academy of Child and Adolescent Psychiatry, Seattle.
218. Nikolas, M...**Nigg, JT** (Oct 26, 2018). MRI as endophenotype for ADHD. Lecture presented at the Annual Meetings of the American Academy of Child and Adolescent Psychiatry, Seattle.
219. **Nigg, JT**. (Nov 8, 2018). New directions integrating genetic, environment, and possible epigenetic effects to understand causes of ADHD. Lecture presented at the annual meetings CHADD International Conference on ADHD, St. Louis.
220. **Nigg, JT** (Nov 10, 2018). ADHD, environment, lifestyle: A primer on the latest findings in complementary, alternative, lifestyle, and technology-related effects and treatments for ADHD. Lecture presented at the annual meetings CHADD International Conference on ADHD, St. Louis.
221. **Nigg, JT** (Nov 26, 2018). Reflections on the future direction of ADHD research. Lecture presented at the annual meetings of the Association for Behavioral and Cognitive Therapy. Washington, DC.
222. **Nigg, JT** (Nov 27, 2018). Exercise and ADHD. Discussant on symposium at the annual meetings of the Association for Behavioral and Cognitive Therapy. Washington, DC.

2019

223. Mooney MA, Hermosillo R, Bhatt P, Ryabinin P, Wilmot B, **Nigg JT**, Fair DA (October 27, 2019). Canonical Correlation Analysis of ADHD Polygenic Risk and Functional Brain Connectivity. Abstract orally presented at the annual World Congress of Psychiatric Genetics, Los Angeles.
224. **Nigg JT**, Karalunas S, Gustafsson H, Bhatt P, Ryabinin P, Mooney MA, Faraone SV, Fair DA, Wilmot B. (October 28, 2019). Using PRS Scores to Clarify Nosological Structure of ADHD and Overlapping Emotion-Related Trait Measures. Poster presented at the annual World Congress of Psychiatric Genetics, Los Angeles
225. Mooney MA, Ryabinin P, Bhatt P, Mill J, Wilmot B, **Nigg JT** (October 29, 2019). Large-Scale EWAS and Methylation QTL Analysis in ADHD. Poster presented at the annual World Congress of Psychiatric Genetics, Los Angeles.