

**Curriculum Vita**  
**JOEL T. NIGG, Ph.D.**  
**1-7-2012**

Professor, Departments of Psychiatry, Behavioral Neuroscience, and Pediatrics  
Director, Division of Psychology, Department of Psychiatry  
Oregon Health & Science University;  
Portland, Oregon 97239-3098  
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Oregon Licensed Psychologist License #1889

**Prior Positions**

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**

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

**Current Extramural Grant Support**

2010-2015: Principal Investigator, NIH 1R01MH86654 (\$3.2 million), "Longitudinal Imaging Study of ADHD Brain Development."  
2007-2012: Principal Investigator, NIH 2 R01MH 059105 (\$2.6 million), "Heterogeneity of Mechanism and Pathway in Child ADHD"  
2010-2012: Principal Investigator. Simons Foundation 177894, (\$300,000), "Functional Brain Networks and Autism subtypes"  
2000-2010: Co-Investigator (R. Zucker, PI), NIAAA R01-AA12217 (\$1.9 million), "Family Study of Neuropsychological Risk for Alcoholism"  
2010-2012: Co-Investigator. (B. Peterson, PI), McDonnell Foundation (\$450,000). "Plasticity of brain functional networks". Purpose: Evaluate how methylphenidate changes brain functional connectivity in very short time intervals.

**Prior Extramural Grant Support**

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: B/START Award, National Institutes of Health (\$25,000).

## **Leadership and Awards**

2004	Teacher-Scholar Award, Michigan State University
2006	Mid-Career Research Contributions Award, Society of Clinical Child Psychology, APA
2006-2008	Director of Clinical Training, Michigan State Psychology Department
2008-2012	Director, Division of Psychology, OHSU Department of Psychiatry
2010	Chair, DSM-5 Workgroup Subcommittee on ADHD Subtypes
2010	Editor, Special Section, Journal of Clinical Child and Adolescent Psy.
2010-2011	Chair, Promotion and Tenure Committee, OHSU Department of Psychiatry
2011	Who's Who in Medicine and Healthcare-8 <sup>th</sup> Edition, 2011-2012
2011	Chair, DSM-5 Ad hoc Study Group on DSM-5 Meta-structure and personality disorder
2011	Coordinator and Co-Founder, Portland Friends of Union of Concerned Scientists
2012-2014	Review Editor, <i>Journal of Child Psychology and Psychiatry</i>

## **Professional Affiliations**

American Psychological Society (1996-2012)  
 American Psychological Association (1995-2011)  
     Division 53, Clinical Child Psychology  
     Division 40, Neuropsychology  
 Behavior Genetics Association (1995-2008)  
 International Society for Research in Child and Adolescent Psychopathology (1996-present)  
 Society for Research in Child Development (1995-present)  
 International Neuropsychological Society (2006-2008)  
 National Association of Social Workers (1985-1990)

## **National Professional Service, Review Boards, Consulting**

American Psychiatric Association DSM-5 Task Force: Member, Disruptive Behavior Disorders and ADHD Work Group (2007-2011); Consultant, Personality and Personality Disorders Workgroup (2011).

### NIH Review Contributions

2004-2008: Member: NIMH Child Psychopathology and Developmental Disabilities Study Section.  
 2010-2012: Member, NIH College of CSR (Center for Scientific Review) Senior Reviewers, 2010-2012  
Ad hoc reviewer: NIMH (BSTART, Center, other), 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007; NSF Initial Review Group 2004; Israel Science Foundation 2005, 2006; Wellcome Trust, 2010; NIMH (Special Emphasis Panel) 2011; NIMH (Conte Center Panel) 2011

### Journal Editorial and Advisory Boards:

*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* (2005-2009)  
*Journal of Abnormal Child Psychology* (2003-2006; 2010-2012)  
*Development and Psychopathology* (2004-2007)  
*Journal of Clinical Child and Adolescent Psychology* (2004-2005; 2007-2011)  
*The ADHD Report* (2003-2011)  
*Journal of Abnormal Psychology* (2006-2010)  
*Frontiers in Psychiatry* (2010-2013)  
*Journal of Attention Disorders* (2011-2012)

### 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, Journal of Abnormal Psychology, Journal of Clinical Child and Adolescent Psychology; Journal of Consulting and Clinical Psychology, Journal of Cognitive Therapy and Research, Journal of Child Psychology and Psychiatry, Journal of Abnormal Child Psychology, Journal of the International Neuropsychological Society, Journal of Personality and Social Psychology, Journal of Psychopathology and Behavioral Assessment, Neuropsychologia, Psychological Bulletin, Psychological Science, Review of General Psychology, Science, and many others.*

### **PUBLICATIONS I: 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.

### **PUBLICATIONS II: Scientific Journal Publications and Book Chapters**

† Book chapter (10 book chapters; **122 scientific peer reviewed journal articles** including in press)

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

#### 1991-1996

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.

#### 1997

8. †Silk, K.R., **Nigg, J.T.**, 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.
9. **Nigg, J.T.**, Swanson, J., & Hinshaw, S.P. (1997). Visual-spatial attention in boys with attention-deficit hyperactivity disorder: Lateral effects, methylphenidate response, and results for parents. *Neuropsychologia*, *35*, 165-176.

10. 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.

1998

11. **Nigg, J.T.** & Goldsmith, H.H. (1998). Recent developments in behavioral genetics and developmental psychopathology. *Human Biology*, *70*, 387-412.
12. **Nigg, J.T.** & Hinshaw, S.P. (1998). Parent personality and psychiatric history in relation to child antisocial behaviors in childhood ADHD. *Journal of Child Psychology and Psychiatry*, *39*, 145-160.
13. **Nigg, J.T.**, Hinshaw, S.P., Carte, E.T., & Treuting, J.J. (1998). Neuropsychological correlates of antisocial behavior and comorbid disruptive behavior disorders in children with ADHD. *Journal of Abnormal Psychology*, *107*, 468-480.

1999

14. †Hinshaw, S.P., & **Nigg, J.T.** (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.
15. **Nigg, J.T.**, Quamma, J.P., Greenberg, M., & Kusche, C. (1999). A two year longitudinal study of neuropsychological performance and social adjustment in elementary school children. *Journal of Abnormal Child Psychology*, *27*, 51-62.
16. **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.

2000

17. **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.

2001

18. **Nigg, J.T.** (2001). Is ADHD an inhibitory disorder? *Psychological Bulletin*, *127*, 571-598.
19. †**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.
20. \*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

21. 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.
22. 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.
23. \*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.
24. 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.
25. 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.

### 2003

26. †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.
27. 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.
28. \*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.
29. 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.
30. \*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.
31. †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.

### 2004

32. 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.
33. 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.
34. †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.
35. 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.

### 2005

36. \*Huang-Pollock, C.L., Nigg, J.T., & Carr, T.H. (2005). 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.
37. \*Park, L., Nigg, J.T., Waldman, I., Nummy, K.A., Huang-Pollock, C., Rappley, M., & Friderici, K. (2005). Association and linkage of  $\alpha$ -2A adrenergic receptor gene polymorphisms with

- childhood ADHD. *Molecular Psychiatry*, 10, 572-580.
38. \*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.
  39. Coghill, D., **Nigg, J.**, Rothenberger, A., Sonuga-Barke, E., & Tannock, R. (2005). Whither causal models in the neuroscience of ADHD? *Developmental Science*, 8, 105-114
  40. **Nigg, J.T.** (2005). What role do environmental contaminants play in the etiology of ADHD? *The ADHD Report*, 13 (2), 6-7, 12-16.
  41. **Nigg, J.T.** (2005). Neuropsychological theory and findings in ADHD: The state of the field and salient challenges for the coming decade. *Biological Psychiatry*, 57, 1424-1435.
  42. **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.
  43. 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.
  44. 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.
  45. **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.
  46. \*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.
  47. **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.
  48. **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.
  49. **Nigg, J.T.**, Silk, K., Stavro, G., & Miller, T. (2005). Disinhibition and borderline personality disorder. *Development and Psychopathology*, 17, 1129-1150.

#### 2006

50. †**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.
51. †**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.
52. \*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.
53. 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.
54. **Nigg, J.T.** (2006). Attention, control, and task difficulty in ADHD (Commentary). *British*

- Journal of Developmental Psychology*, 23, 513-516.
55. **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.
  56. 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.
  57. **Nigg, J.T.** (2006). Temperament and developmental psychopathology. *Journal of Child Psychology and Psychiatry*, 47, 395-422.
  58. 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.
  59. \*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.
  60. 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.
  61. \*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.
  62. \*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.
  63. 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

64. \*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.
65. **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.
66. 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.
67. \*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.
68. \*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.
69. 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.
70. \*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.
71. **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.

72. †**Nigg, J.T.**, Carr, L.A., Martel, M.M., & Henderson, J.M. (2007). Concepts of inhibition and developmental psychopathology. In C. MacCleod & D. Gorfein (Eds.), *Inhibition in Cognition*, (pp. 259-277). American Psychological Association Press.
73. \*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

74. 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.
75. Willcutt, E., Sonuga-Barke, E., **Nigg, J.T.**, & Sergeant, J.A. (2008). Neuropsychology of childhood disorders. In T. Banaschewski & L.A. Rohde (Eds), *Recent Trends and Developments. Advances in Biological Psychiatry*, 24, 195-226. Basel: Karger
76. 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.
77. **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.
78. †**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.
79. 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.
80. **Nigg, J.T.** (2008). ADHD, Lead exposure, and prevention: How much lead or how much evidence needed? (Editorial). *Expert Review of Neurotherapeutics*, 8(4), 519-521.
81. \*Martell, M.M., Gobrogge, K.L., Breedlove, M., & **Nigg, J.T.** (2008). Masculinized finger-length ratios of boys, but not girls, are associated with Attention-Deficit/Hyperactivity Disorder. *Behavioral Neuroscience*, 122(2), 273-281.
82. Jester JM, **Nigg, JT**, Buu, A., Puttler LI, Glass JM, Heitzeg, MM, Fitzgerald, HE, & Zucker RA (2008). Trajectories of childhood aggression and inattention/hyperactivity: Differential effects on substance abuse in adolescence. *Journal of the American Academy of Child and Adolescent Psychiatry*, 47, 1158-1165.
83. \*Martel, M.M., **Nigg, J.T.**, & Lucas, R. (2008). Trait mechanisms in youth with and without Attention-Deficit/Hyperactivity Disorder. *Journal of Research in Personality*, 42, 895-913.
84. \*Blaskey, L., Harris, L.J., & **Nigg, J.T.** (2008). Are sensation seeking and emotion processing related to or distinct from cognitive control in children with ADHD? *Child Neuropsychology*, 14, 353-371.
85. Englehardt, P.E., **Nigg, J.T.**, Carr, L.A. & Ferreira, F. (2008). Cognitive inhibition and working memory in attention-deficit/hyperactivity disorder. *J Abnormal Psychology*, 117, 591-605.

### 2009

86. \*Miller, T.W., Miller, R.A., & **Nigg, J.T.** (2009). Attention Deficit/Hyperactivity Disorder in African American children: What can be concluded from the past ten years? *Clinical Psychology Review*, 29, 77-86.
87. Ellis, B., **Nigg, J.T.** (2009). Parenting practices and Attention-Deficit/Hyperactivity Disorder:



- Partial specificity of effects. *Journal of the American Academy of Child and Adolescent Psychiatry*, 48, 46-154.
88. \*Martel, M.M., **Nigg, J.T.**, & von Eye, A. (2009). How do trait dimensions map onto ADHD symptom domains? *Journal of Abnormal Child Psychology*, Apr;37(3):337-48.
  89. \*Martel, M.M., Pierce, L., **Nigg, J.T.**, Jester, J.M., Adams, K., Puttler, L.I., Buu, A., Fitzgerald, H., & Zucker, R.A. (2009). Temperament pathways to childhood disruptive behavior and adolescent substance abuse: Testing a cascade model. *Journal of Abnormal Child Psychology*, 37(3):363-373.
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  91. Glass J.M., Buu, A., Adams, K.M., **Nigg, J.T.**, Puttler, L.I., Jester, J.M., & Zucker, R.A. (2009). Effects of alcoholism severity and smoking on executive neurocognitive function. *Addiction*, 104, 38-48.
  92. **Nigg, J.T.** (2009). Cognitive impairments found with attention-deficit/hyperactivity disorder. *Psychiatric Times*, 3/18, [www.psychiatrictimes.com/display/article/10168/1389777?pageNumber=6](http://www.psychiatrictimes.com/display/article/10168/1389777?pageNumber=6). Accessed 3/23/2009.
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  94. \*Engelhardt, P. E., Ferreira, F., & **Nigg, J. T.** (2009). Priming sentence production in adolescents and adults with attention-deficit/hyperactivity disorder. *Journal of Abnormal Child Psychology*, 37, 916-928.
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  96. 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>
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105. **Nigg, J.T.** (2010). If ever a time for precaution: Commentary on "Protecting Children from Exposure to Lead." *Society for Research in Child Development Social Policy Report*, *24*(1), 24-25.
106. Martel, M.M., Nikolas, M., Jernigan, K., Friderici, K., & **Nigg, J.T.** (2010). Personality mediation of genetic effects on attention-deficit/hyperactivity disorder. *Journal of Abnormal Child Psychology*, *38*, 633-643.
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108. Fair, D., Bathula, D., Mills, K.L., Costa Dias, T.G., Blythe, M.S., Zhang, D., Snyder, A.Z., Raichle, M.E., Stevens, A.A., **Nigg J.T.**, Nagel, B.J. (2010). Maturing thalamocortical functional connectivity across development. *Frontiers in Neuroscience*, *4* (5/18/10), (article #10), [www.frontiers.org](http://www.frontiers.org).
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110. Wong, M.M., Brower, K.J., **Nigg, J.T.**, & Zucker, R.A. (2010). Childhood sleep problems, response inhibition, and alcohol and drug outcomes in adolescence and young adulthood. *Alcoholism: Clinical and Experimental Research*, *34*, 1033-1044.
111. **Nigg, J.T.**, Nikolas, M., Burt, S.A. (2010). Measured gene by environment interaction in relation to attention-Deficit/Hyperactivity Disorder (ADHD). *Journal of the American Academy of Child and Adolescent Psychiatry*, *49*, 863-873.
112. Martel, M.M., von Eye, A., & **Nigg, J.T.** (2010). Revisiting the latent structure of ADHD: Is there a "G" factor? *Journal of Child Psychology and Psychiatry*, *38*, 633-643.
113. Goth-Owens, T.L., Martinez-Torteya, C., Martel, M.M., **Nigg, J.T.** (2010). Processing speed weakness in non-hyperactive but inattentive ADHD (ADD). *Child Neuropsychology*, *16*, 577-591.
114. Fair D., Posner, J., Nagel, B.J., Bathula, D., Costa-Dias, T.G., Mills, K.L., Blythe, M.S., Giwa, A., Schmitt, C.F., & **Nigg, J.T.** (2010). Atypical default network connectivity in youth with ADHD. *Biological Psychiatry*, *68*, 1084-1091.
115. Carr, L., Henderson, J., & **Nigg, J.T.** (2010). Cognitive control and non-hyperactive but inattentive ADHD. *Journal of Clinical Child and Adolescent Psychology*, *39*, 726-740.
116. Martel, M.M., Gremillion, M., von Eye, A., & **Nigg, J.T.** (2010). The structure of childhood disruptive behaviors. *Psychological Assessment*, *22*, 816-826.
117. **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.

## 2011

118. Wilson, V., Mitchell, S., Musser, E., Schmitt, C.F., & **Nigg, J.T.** (2011). Delay discounting of reward in ADHD: Application in young children. *Journal of Child Psychology and Psychiatry*, *52*, 256-264.
119. Nagel, B., Batula, D., Fair, D., Schmitt, C., & **Nigg, J.T.** (2011). Altered white matter microstructure in children with attention-deficit/hyperactivity disorder. *Journal of the American*

- Academy of Child and Adolescent Psychiatry*, 50, 283-292.
120. Martel, M.M., Nikolas, M., Nummy, K., Friderici, K., Waldman, I.I., & **Nigg, J.T.** (2011). The dopamine receptor D4 gene (DRD4) moderates family environment effects on ADHD. *Journal of Abnormal Child Psychology*, 39, 1-10.
121. Musser, E., Backs, R., & **Nigg, J.T.** (2011). Emotion regulation via the autonomic nervous system in children with attention-deficit/hyperactivity disorder (ADHD). *Journal of Abnormal Child Psychology*, 39, 841-852.
122. Martel, M.M., Roberts, B., Gremillion, M., von Eye, A., & **Nigg, J.T.** (2011). External validation of bifactor model of ADHD: Explaining heterogeneity in psychiatric comorbidity, cognitive control, and personality trait profiles within DSM-IV ADHD. *Journal of Abnormal Child Psychology*, 39, 1111-1123.

## 2012

123. **Nigg, J.T.**, Lewis, K., Edinger, T., & Falk, M. (2012). Meta-analysis of ADHD or ADHD symptoms, restriction diet, and synthetic food color additives. *Journal of the American Academy of Child and Adolescent Psychiatry*, 51, 86-97.e8.

## In Press

124. Jester, J., **Nigg, J.T.**, Buu, A., Puttler, L.I., Glass, J.M., Heitzeg, M.M., Fitzgerald, H.E., & Zucker, R.A. (in press). Trajectories of childhood aggression and inattention/hyperactivity: Differential effects on substance abuse in adolescence. *Journal of the American Academy of Child and Adolescent Psychiatry*.
125. Zucker, R.A., Heitzig, M., & **Nigg, J.T.** (in press). Parsing the undercontrol/disinhibition pathway to substance use disorders: A multilevel developmental problem. *Child Development Perspectives*.
126. Oliver, M., **Nigg, J.T.**, Cassavaugh, N.D., & Backs, R. (in press). Behavioral and cardiovascular responses to frustration during simulated driving tasks in young adults with and without attention disorder symptoms. *Journal of Attention Disorders*.
127. Wilhelm, L., Bijtterbier, P., Claes, L., vandenbussche, I, Sools, J, & **Nigg, J.T.** (in press). Temperamental characteristics of adolescents with substance abuse and/or dependence: A case-control study. *Personality and Individual Differences*.
128. Shannon, BJ, Raichle ME, Snyder, AZ, Fair, DA, Mills, KL, Zhang, D, Bache, K, Calhoun, V, **Nigg, JT**, Nagel BJ, Stevens, AA, Kiehl KA. (in press). Premotor functional connectivity predicts impulsivity in juvenile offenders. *PNAS*.
129. Klump, K., Culburt, K, Slane, J., Burt, A., Sisk, C, & **Nigg, J.T.** (in press). The effects of puberty on genetic risk for disordered eating: Evidence for a sex difference. *Psychological Medicine*.
130. **Nigg, J.T.** (in press). Editorial: Where to with treatment for ADHD? *Current Medical Research and Opinion*.
131. Frick, P., & Nigg, J.T. (in press). Current issues in the diagnosis and classification of Attention-Deficit Hyperactivity Disorder, Oppositional Defiant Disorder and Conduct Disorder. *Annual Review of Clinical Psychology*.
132. **Nigg, J.T.** (in press). Editorial: Environment, developmental origins, and ADHD. *Archives of Pediatrics and Adolescent Medicine*.
133. Willcutt, E.G., **Nigg, J.T.**, Pennington, B.F., Solanto, M.V., Rohde, L.A., Tannock, R., Loo, S.K., Carlson, C.L., McBurnett, K., & Lahey, B.B. (in press). Validity of DSM-IV attention deficit/hyperactivity disorder symptom dimensions and subtypes. *Journal of Abnormal Psychology*.
134. Weiland, B.J., **Nigg, J.T.**, Welsh, R.C., Yau, W.W., Zubieta, J., Zucker, R.A., & Heitzig, M.M. (in press). Resiliency in adolescents at high risk for substance abuse: Flexible adaptation via

- subthalamic nucleus and linkage to drinking and drug use in early adulthood. *Alcoholism: Clinical and Experimental Research*.
135. Stevens, A.A., Maron, L., **Nigg, J.T.**, Cheung, D., Ester, E.F., & Awh, A. (In press). Increased sensitivity to perceptual interference in adults with attention deficit hyperactivity disorder. *Journal of the International Neuropsychological Society*.
  136. Mills, KL, Bathula, D., Costa-Dias TG, Iyer, SP, Fenesy, MC, Musser, ED, Stevens, CA, Thurlow BL, Carpenter SD, Nagel, BJ, **Nigg, JT**, & Fair, DA (in press). Altered cortico-striatal-thalamic connectivity in relation to spatial working memory capacity in children with ADHD. *Frontiers in Neuropsychiatric Imaging and Stimulation*.
  137. †**Nigg, J.T.** (in press). Status of activation and inhibition theories of ADHD. To Appear in D. Barch et al., (Eds), *Cognitive and Affective Neuroscience of Psychopathology*. NY: Guilford.

### **Presentations and Abstracts Major Scientific and National Meetings or Groups**

#### **1991-1996**

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., & 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.

#### **1997**

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.

### 1998

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.

### 1999

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 Colloquim 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.

### 2000

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.

### 2001

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. (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, 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. Poster 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. Poster presented at annual meeting 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, L.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 undercontrol, 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., & 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

65. Nigg, J.T. (March, 2005). Inhibitory control: the role of psychopathology. Paper delivered at University of Texas APA-Sponsored Special Conference on Inhibition.
66. 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.
67. 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.
68. 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.
69. 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.
70. 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.
71. 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.
72. 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.
73. 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.
74. 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.
75. 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

76. 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.
77. 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.
78. 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.
79. 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.
80. 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.
81. 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.
82. 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.
83. 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.
84. 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.
85. 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.
86. 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.
87. Nikolas, M., Nigg, J., 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.
88. 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.
89. 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

90. Carr, LH, Carr, TH, & Nigg, JT (2007, February) Temporal perception and the effect of subtype in adults with ADD/ADHD. Poster presented at the 17<sup>th</sup> Annual meetings of the International Neuropsychological Society. Portland OR
91. Nikolas, M., Martel, M., & Nigg, J. (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.
92. 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.
93. Nikolas, M., Nigg, J., & 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.
  94. Ellis, B., & Nigg, J.T. (2007, March). Parenting and ADHD. Poster presented at the Society for Research in Child Development Biennial Meeting. Boston, Massachusetts.
  95. 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.
  96. Nikolas, M., Friderici, K., & Nigg, J. (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.
  97. 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.
  98. 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.
  99. 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.
  100. 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.
  101. Nigg, J.T. (2007, August). ADHD development. Discussant for symposium at the annual meetings of the American Psychological Association, San Francisco, CA.
  102. 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), Cagliari, Italy.
  103. 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.
  104. 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

105. Nikolas, M., Nigg, J., & Friderici, K. (2008, February). Moderating effects of dopamine transporter genotype on the relationship between executive function and ADHD symptoms in adolescence. Paper presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
106. Martel, M.M., Pierce, L., Nigg, J.T., Jester, J.M., Wong, M., Buu, A., Puttler, L.I., Fitzgerald, H.E., & Zucker, R.A. (2008, February). Developmental changes in executive function. Poster presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
107. Miller, T. & Nigg, J.T. (2008, March). Do family risk factors predict externalizing behavior? Poster presented at the annual meetings of the Society for Research in Adolescence, Chicago, IL.
108. Nigg, J.T. (2008, March). ADHD in adolescents. Lecture presented at the 7<sup>th</sup> Annual Medical School Pediatric Research Day, East Lansing, MI.
109. Wong, M. M., Nigg, J., Heitzeg, M., Puttler, L., Buu, A., & Zucker, R. (2008, May). 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

110. Martel, M.M., Nikolas, M., & Nigg, J.T. (2009, March). 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.
111. Nikolas, M., Martel, M., Nigg, J., & Friderici, K. (2009, April). 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.
112. Miller, T.W., Nigg, J.T. (2009, April). Family risk factors and neurocognitive functioning in ADHD. Poster Presented at the Annual Meetings of the Society for Research in Child Development, Denver, Colorado.
113. Nigg, J.T., Carr, L., Goth Owens, T., Martel, M., Henderson, J., & Martinez-Torteya, C. (2009, June). 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.
114. Nikolas, M., & Nigg JT (2009, June). 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.
115. Martel, M.M., & Nigg, J.T. (2009, June). 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.
116. Martel, M.M., Nikolas, M., & Nigg, J.T. (2009, June). 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.
117. 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.
118. Nigg, J.T. (2009, October). Endophenotypes and ADHD: where do we stand? Paper presented at the Annual Meetings of the European Network for Hyperactivity Research (EUNETHYDIS), Winchester, England.
119. Nigg, J.T. (2009, October). 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.
120. Nigg, J.T. (2009, October). Progress on the neuropsychology of ADHD. Paper presented at the annual meetings of the American Academy of Child and Adolescent Psychiatry, Honolulu.
121. Nigg, J.T. (2009, November). Joint effects of toxic exposures and risk genotypes on ADHD. Paper presented at the annual World Congress of Psychiatric Genetics, San Diego CA.

## 2010

122. 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.
123. 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.
124. 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.
125. 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.
126. 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.

127. 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.
128. Nigg, J.T. (October, 2010). Temperament and psychopathology in development. Symposium discussant, Society for Research in Psychopathology, Seattle, WA.
129. 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.
130. 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.
131. 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.
132. Nigg, J.T., (November, 2010). ADHD neuropsychology and genetics. Lecture presented at D'Or Institute for Research and Education, Rio de Janeiro, Brazil. Nov 8<sup>th</sup>.
133. 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.
134. 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.
135. 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

136. Musser, E.D., Barks, 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.
137. 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.
138. 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.
139. 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.
140. 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.
141. 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.
142. 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 17<sup>th</sup> Annual Meeting of the Organization of Human Brain Mapping, Quebec City, Canada.
143. Fair, D. & Nigg, J.T. (June, 2011). Using resting-state fMRI to characterize the developmental course of subjects with ADHD. Abstract presented at the 17<sup>th</sup> Annual Meeting of the Organization of Human Brain Mapping, Quebec City, Canada.
144. 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., Dinstein, 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 17<sup>th</sup> Annual Meeting of the

- Organization of Human Brain Mapping, Quebec City, Canada.
145. 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
  146. Waldman ID, Nikolas MM, Nummy K, Nigg JT, 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.
  147. Waldman ID, Nikolas MM, Nummy K, Nigg JT, 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.
  148. 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.
  149. 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.
  150. Nigg, J.T. (November, 2011). Neurotoxicants, genetics, and etiology of ADHD. Paper presented at the 27<sup>th</sup> Annual International Neurotoxicology Conference, Research Triangle Park, North Carolina. November 1<sup>st</sup>.
  151. Hawkey, E., & Nigg, J.T. (November, 2011). Meta-analysis of long chain polyunsaturated fatty acids and ADHD. Paper presented at the 27<sup>th</sup> Annual International Neurotoxicology Conference, Research Triangle Park, North Carolina. November 2<sup>nd</sup>.
  152. 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 10<sup>th</sup>.

## 2012

153. 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.

### **Teaching Experience and Interests**

*Child Psychopathology.* Graduate level seminar on developmental psychopathology, descriptive child psychopathology, and related research and clinical issues. 1998; 1999; 2001, 2004; 2006; 2008.

*Advanced Child Assessment.* Taught seminar for advanced graduate clinical students on theory, issues, and methods of child clinical psychological assessment. 1998; 2000; 2002, 2004; 2006.

*Developmental Psychopathology.* Upper level undergraduate lecture course on child disorders and developmental psychopathology. Spring 1997; Fall 1997; 1999; 2001; 2005.

*Personality Assessment.* Taught 5-lecture module on personality assessment in children to graduate seminar. 1997; 1999.

*Graduate Clinical Practicum Seminar.* Directed seminar for clinical doctoral students in their practicum. Student presented cases to the group. I provided instructional sections on child assessment and led discussion of case presentations. Spring & Fall, 1997; Spring & Fall, 1998; Fall: 1999; 2000; 2001.

*Graduate Clinical Practicum Supervision.* Supervised approximately 18-20 child psychological assessments per year that were conducted by graduate clinical students; cases presented with a wide range of child and adolescent psychiatric disorders. Fall, 1996 through Present.

### **Clinical Experience and Training**

**Fully Licensed Clinical Psychologist, State of Michigan, 2001-Present.**

**Fully Licensed Clinical Psychologist, State of Oregon, 2009-Present.**

2001-Present. Conducted occasional psychodiagnostic evaluations of children or adults on a private consultation basis. Supervised psychology practicum students in child evaluations on a continuing basis.

1997-2000 Michigan State University Departments of Pediatrics and of Psychology, East Lansing, MI. Clinical interviews, provided verbal and written feedback to parents of children with learning and behavior problems, testing and assessment of children, outpatient consultation and treatment.

1995-1996 Intern, University of Washington School of Medicine, Seattle, WA. Completed APA-approved full time clinical internship with focus on child clinical training . Rotations: child inpatient psychiatry, child neuropsychological assessment, adult neuropsychological assessment, outpatient.

1994 Extern, U.C.S.F. Langley Porter Psychiatric Institute, San Francisco, CA. Consulted weekly for six months to the child psychiatry department, psychological testing and assessment of children.

1991-93 Clinic Clerkship, U.C. Berkeley Psychology Clinic, Berkeley CA. Provided outpatient initial assessment and ongoing psychotherapy for socioeconomically and ethnically diverse clientele..

1991-94 Program Aide, U.C. Berkeley Summer Programs for Boys, Berkeley, CA. in 1991 and 1993 summers full time, and in 1994 summer part time, conducted assessments of boys (administered psychological, neuropsychological, and child interview measures), and worked as a staff counselor.

1987-90 Full-time Clinical Social Worker, The University of Michigan Psychiatric Hospital. Conducted individual and family assessments, brief crisis and family intervention, and disposition planning on 22-bed adult, general, tertiary care, inpatient psychiatric unit. I led family psychoeducation groups, and provided follow-up outpatient individual and couple psychotherapy.

1986-87 Full-time Clinical social worker, Child and Family Services, Jackson, Michigan. Conducted outpatient evaluation and psychotherapy for child, family, and adult clients from a low-income area.

1985-86 Clinical Social Worker, Psychiatric Emergency Services of Washtenaw County. As a part-time, on-call outreach staff for mobile psychiatric emergency response team, conducted evaluations in community settings of and crisis intervention with persons in severe psychiatric crisis.