

## VITA

### PERSONAL INFORMATION:

Name: Gerard Anthony Gioia

Address: 2804 Deer Trail Court  
Ellicott City, Maryland 21042

Work Address: Division of Pediatric Neuropsychology  
Children's National Medical Center  
14801 Physician's Lane, Suite 173  
Rockville, Maryland 20850  
301-765-5430

### EDUCATION:

1984 Ph.D. University of North Carolina at Chapel Hill. Major Field:  
School Psychology (APA-approved)

1978 B.A. Franklin and Marshall College  
Major Field: Psychology

#### Postdoctoral Training:

Fellowship: Child Clinical Neuropsychology, Neuropsychology Assessment  
1986-1987 Unit, The Children's Hospital/ Harvard Medical School, Boston,  
Massachusetts

#### Predocutorial Training:

Internship: Pediatric/Clinical Child Psychology: Division of Pediatric  
1982-1983 Psychology, Dept. of Pediatrics, University of Maryland School of  
Medicine, Baltimore, Maryland (APA-approved)

### LICENSURE AND CERTIFICATION:

Board of Psychology, District of Columbia, Licensed Psychologist  
Maryland Board of Examiners of Psychologists, Licensed Psychologist

### PROFESSIONAL ORGANIZATION MEMBERSHIPS:

American Psychological Association (APA)  
Division 40 - Clinical Neuropsychology  
Public Interest Advisory Committee  
Division 54 – Pediatric Psychology  
International Neuropsychological Society  
Program Committee (1993 European Conference, 1996 North American Conference)  
Pediatric Neuropsychology Interest Group (PNIG)  
Program Planning Committee  
Maryland Psychological Association

### ACADEMIC APPOINTMENTS:

2003- Associate Professor, Depts. of Pediatrics, Psychiatry & Behavioral Sciences, The  
George Washington University School of Medicine.

1989-2004 Assistant Professor, Department of Psychiatry & Behavioral Sciences, and

- Dept. of Pediatrics, The Johns Hopkins University School of Medicine, Baltimore, Maryland
- 1990-2002 Clinical Assistant Professor, Division of Behavioral and Developmental Pediatrics, Department of Pediatrics, University of Maryland School of Medicine, Baltimore, Maryland
- 1990-1991 Clinical Assistant Professor of Pediatrics, Department of Pediatrics, F. Edward Hebert School of Medicine, Uniformed Services University of the Health Sciences, Bethesda, Maryland
- 1987-1989 Instructor in Psychology, Department of Psychiatry, Harvard Medical School, Boston, Massachusetts
- 1987-1988 Associate Faculty, Department of Professional Psychology, Doctoral Program in Clinical Psychology (provisional APA approval), Antioch/New England Graduate School, Keene, New Hampshire
- 1986-1987 Clinical Fellow in Psychology, Department of Psychiatry, Harvard Medical School, Boston, Massachusetts

**OTHER APPOINTMENTS:**

- 2001- Member, Special Education subcommittee, State of Maryland Advisory Council on Attention Deficit Hyperactivity Disorder.
- 1997- Member, Professional Advisory Board, Epilepsy Association of Chesapeake Region
- 1996-2000 Member, Board of Directors, Coalition to End Childhood Lead Poisoning.
- 1995-1999 Member, Advisory Board of the Graduate Education Program, Division of Adolescent Medicine, University of Maryland School of Medicine.

**JOURNAL/GRANT REVIEW:**

- 1996- Ad hoc reviewer, Journal of Pediatric Psychology
- 1997- 1999 Reviewer, NIMH Small Business Innovation Research Grant Program
- 2000- Ad hoc reviewer, Journal of the International Neuropsychological Society
- 2001- Ad hoc reviewer, Child Neuropsychology
- 2001- Reviewer, NICHD Special Grants Program
- 2004- Ad hoc reviewer, Neuropsychology; Journal of the International Neuropsychological Society
- 2006- Consulting Editor, Assessment

**PROFESSIONAL EXPERIENCE:**

- 2002- Director: Division of Pediatric Neuropsychology, Children's National Medical Center, Washington, DC. Administrative responsibility for the development and oversight of the Program functions and operations. Administrative and/or clinical supervision of faculty pediatric neuropsychologists, neuropsychology postdoctoral fellow, predoctoral interns, predoctoral externs. Clinical responsibilities include the delivery of pediatric neuropsychological services to inpatient and outpatient populations. Academic responsibilities include the conduct of research and teaching. Duties also include: director of the Neurobehavioral and Psychosocial Evaluation Core Laboratory of the General Clinical Research Center, and director of the SCORE (Safe Concussion Outcome Recovery & Education) program for the evaluation and management of children and adolescents with mild traumatic brain injuries and concussions.

- 1989-2002 Director: Division of Pediatric Psychology and Neuropsychology, Department of Medicine, Mt. Washington Pediatric Hospital, Baltimore, Md. Administrative responsibility for the development and oversight of the Division functions, programs and clinical operations. Administrative and/or clinical supervision of 9 pediatric psychologists and neuropsychologists, neuropsychology postdoctoral fellow, predoctoral psychology interns, predoctoral externs. Clinical responsibilities include the delivery of pediatric neuropsychological services to inpatient and outpatient populations. Clinical groups served include traumatic/ acquired brain injury, lead poisoning, brain tumor/ALL, Tourette Syndrome, epilepsy, psychiatric disorders, and other acquired and developmental neurological disorders. Director of Postdoctoral Fellowship Training Program in Pediatric Neuropsychology.
- 1987-1989 Staff Neuropsychologist: Neuropsychology Program, The Children's Hospital, Boston, Massachusetts. Clinical neuropsychological evaluation and intervention with children, adolescents, and young adults with a wide variety of identified and suspected neurological impairments. Clinical supervision of trainees (APA-approved predoctoral internship) in the neuropsychology clinic. Clinical research participation.
- 1987-1989 Private practice: Boston, Massachusetts. Clinical neuropsychological assessment of children and adolescents; school and family consultation.
- 1984-1986 School Psychologist: Howard County Public Schools, Ellicott City, Maryland. Clinical responsibilities: psychological assessment, staff consultation, and intervention (individual and group) with regular and special education programs (learning disabilities, behavior disorders, emotional disorders). Administrative responsibilities: program development/ evaluation of school psychological services delivery model and countywide special needs and alternative education services.
- 1983-1984 Psychological Examiner: Intervention with Parents and Children Together (PACT), Baltimore, Maryland. Psychological evaluation of developmentally disabled and neurologically impaired infants and parent/staff consultation. University of Maryland, Division of Pediatric Psychology, Baltimore, Maryland. Psychological evaluation of mentally retarded and neurologically impaired adults, parent/staff consultation and administrative screening of referrals.

**TRAINING EXPERIENCE:**

- 1986-1987 Postdoctoral Fellow in Clinical Child Neuropsychology: Neuropsychology Assessment Unit, The Children's Hospital, Boston, MA. Supervised training in the clinical neuropsychological evaluation and management of children, adolescents, and young adults with a wide variety of identified and suspected neurological impairments performed through outpatient clinic and inpatient neurology services. In addition, clinical neuropsychological evaluation of adults at the Boston VA Medial Center under the supervision of Dr. Edith Kaplan. Participation in training rounds including: child/adult neuropsychology, neurology, neuroradiology/pathology, behavioral neurology, and aphasia rounds at The Children's, Beth Israel, and Boston VA Hospitals.
- 1982-1983 Psychology Intern: Division of Pediatric Psychology, University of

- Maryland School of Medicine (APA-approved), Baltimore, Maryland. Internship training in pediatric and clinical child psychology.
- 1981-1982 Psychology Extern: Department of Child Psychiatry, Dorothea Dix Hospital, Raleigh, North Carolina. Externship training at Dorothea Dix outpatient clinic, community pediatric behavior clinic, and preschool mental health program.
- 1980-1981 Psychology Extern: Carrboro Elementary School, Carrboro, North Carolina. Psychological assessment of learning, behavior and emotional disorders; classroom behavior management programming; member of child study team.
- 1980 Counselor: Devereux Foundation Academy Unit, Devon, Pennsylvania. Crisis and supportive counseling in a residential psychiatric treatment facility for emotionally disturbed adolescents.
- 1978-1979 Pre-professional counseling trainee: Devereux Foundation, Career House Unit, Berwyn, Pennsylvania. Live-in counselor in residential treatment program for emotionally disturbed adolescents.

#### **PAST RESEARCH EXPERIENCE:**

- 1989-1991 Associate Investigator, Henry Jackson Foundation for the Advancement of Military Medicine, Bethesda, Maryland. Project Title: Neurodevelopmental outcome in military dependent infants and children with perinatal exposure to HIV. Pediatric neuropsychology research consultant.
- 1986-1987 Neuropsychology Research Associate, The Children's Hospital, Harvard Medical School, Boston, Massachusetts. Project Title: Consequences of CNS Prophylaxis in Children with Acute Lymphoblastic Leukemia (ALL), Principal Investigator: Deborah Waber, Ph.D. Neuropsychological evaluation of children/adolescents receiving whole-brain radiation and chemotherapy at different developmental ages to determine nature and severity of outcome.
- 1982-1984 Doctoral Dissertation Research, University of North Carolina, Chapel Hill, North Carolina. Chairperson: Rune Simeonsson, Ph.D. Title: The relationship between the family context and social cognitive development in second-grade children.
- 1981-1982 Research Apprenticeship, Frank Porter Graham Child Development Center, University of North Carolina, Chapel Hill, North Carolina. Doctoral program research requirement substituting for Master's thesis. Development and implementation of research investigating the personal/social development of children with visual and hearing impairments.

#### **RESEARCH SUPPORT:**

**Title:** Outcome Measurement of mTBI in Children and Adolescents (7528)

Source: CDC  
 Status: Active  
 Role: Principal Investigator  
 % Effort: 35  
 Start Date: 09/30/2003  
 End Date: 12/31/2008

**Title:** Neurobehavioral and Psychosocial Evaluation Core (General Clinical Research Center) (Mark Batshaw, M.D., Principal Investigator) (0198)

Source: NIH

Status: Active  
 Role: Director, Core Laboratory  
 % Effort: 10  
 Start Date: 07/01/02  
 End Date: 11/30/2009

**Title: Neurobehavioral Evaluation Core (Eunice Kennedy Shriver Intellectual and Developmental Disabilities Research Center) (Mark Batshaw, M.D., Principal Investigator)**

Source: NIH  
 Status: Active  
 Role: Director, Core Laboratory  
 % Effort: 10  
 Start Date: 07/01/06  
 End Date: 06/30/2011

**Title: Neurofibromatosis Consortium (R. Packer, M.D., Principal Investigator)**

Source: DoD  
 Status: Active  
 Role: Chair, Neurocognitive Committee  
 % Effort: 10  
 St. Date: 07/01/2006  
 End Date: 06/30/2011

**Title: Development and Clinical Validation of a Children's Version of the Automated Neuropsychological Assessment Metrics (ANAM)**

Source: National Rehabilitation Hospital (Department of Defense) Seed Grant  
 Status: Completed  
 Role: Co-PI  
 % Effort: 4.5%  
 Start Date: 07/01/05  
 End Date: 06/30/06

**Title: Plasticity of Language in Epilepsy (W. Gaillard, M.D., Principal Investigator)**

Source: NIH, NINDS  
 Status: Active  
 Role: Co-Investigator  
 % Effort: 3  
 St. Date: 09/01/2002  
 End Date: 08/30/2008

**PUBLICATIONS:**

- Reddy, CC, Collins, MW, & Gioia, GA (2008) Adolescent sports concussion. *Physical Medicine and Rehabilitation Clinics of North America*. 19, 247-269.
- Gioia, GA, Collins, MW & Isquith, PK (2008) Improving identification and diagnosis of mild TBI with evidence: Psychometric support for the Acute Concussion Evaluation (ACE). *Journal of Head Trauma Rehabilitation*.
- Gioia, GA (2008) Ten steps and commitments for an effective youth sports concussion program. *Brain Injury Professional*. 4(4), 14.15.
- Gioia, G.A. Isquith, PK & Kenealy, L (2008) Assessment of behavioral aspects of executive function. In Anderson, V., Jacobs, R., & Anderson P. (Eds.), *Executive functions and the frontal lobes: A life span approach*. Sussex, England: Psychology Press.

- Gaillard WD, Berl MM, Moore EN, Ritzl EK, Rosenberger LR, Weinstein SL, Conry JA, Pearl PL, Ritter FF, Sato S, Vezina LG, Vaidya CJ, Wiggs E, Fratalli C, Risse G, Ratner NB, Gioia G, Theodore WH (2007). Atypical language in lesional and nonlesional complex partial epilepsy. *Neurology*, 69(18):1761-71.
- Acosta MT, Gioia GA, Silva AJ. (2006) Neurofibromatosis type 1: new insights into neurocognitive issues. *Current Neurology & Neuroscience Reports*. 6(2):136-43.
- Isquith, PK, Crawford, JS, Espy, KA, & Gioia, GA (2005) Assessment of executive function in preschool-aged children. *Mental Retardation and Developmental Disabilities Research Reviews*, 11, 209-215.
- Roth, RM, Isquith, PK, & Gioia, GA (2005) Assessment and Intervention for Executive Dysfunction. In GP Koocher, JC Norcross, & SS Hill (Eds.) *Psychologists' Desk Reference*. 2<sup>nd</sup> Edition. (pp. 38-40) New York: Oxford University Press.
- Roth, RM, Isquith, PK, & Gioia, GA (2005) Behavior Rating Inventory of Executive Function – Adult Version. Odessa, Fla.: Psychological Assessment Resources, Inc.
- Isquith, PK, Gioia, GA, & Espy, K. (2004) Executive function in preschool children: Examination through everyday behavior. *Developmental Neuropsychology*, 26, 403-422.
- Gioia, GA & Isquith, PK. (2004) Ecological assessment of executive function in traumatic brain injury. *Developmental Neuropsychology*, 25, 135-158.
- Guy, S.C., Isquith, P.K. & Gioia, G.A. (2004). Behavior Rating Inventory of Executive Function – Self Report Version. Odessa, Fla.: Psychological Assessment Resources, Inc.
- Gioia, G.A., Espy, K.A., & Isquith, P.K. (2003). Behavior Rating Inventory of Executive Function – Preschool Version. Odessa, Fla.: Psychological Assessment Resources, Inc.
- Gioia, G.A., Isquith, P.K., Retzlaff, P.D., & Espy, K.A. (2002) Confirmatory factor analysis of the Behavior Rating Inventory of Executive Function (BRIEF) in a clinical sample. *Child Neuropsychology*, 8, 249-257.
- Gioia, G.A., Isquith, P.K., Kenworthy, L., & Barton, R.M. (2002) Profiles of everyday executive function in acquired and developmental disorders. *Child Neuropsychology*, 8, 121-137.
- Gioia, G.A. & Isquith, P.K. (2002) New perspectives on educating children with ADHD: Contributions of the executive functions *Journal of Health Care Law & Policy* 5, 124-163.
- Isquith, P.K., Gioia, G.A., & PAR Staff. (2002) Behavior Rating Inventory of Executive Function Software Portfolio (BRIEF-SP). Odessa, Fla.: Psychological Assessment Resources, Inc.
- Gioia, G.A. & Isquith, P.K. (2001) Executive function and ADHD: Exploration through children's everyday behaviors. *Clinical Neuropsychological Assessment*, 2, 61-84.
- Gioia, G.A., Isquith, P.K., Retzlaff, P.D. & Pratt, B.M. (2001) Modeling executive functions with everyday behaviors: A unitary or fractionated system? *Brain and Cognition*, 47, 203-207.
- Gioia, G.A., Isquith, P.K. and Guy, S.C. (2001) Assessment of Executive Functions in Children with Neurologic Impairment. In R.J. Simeonsson and S. Rosenthal (Eds.) Psychological and Developmental Assessment: Children with Disabilities and Chronic Conditions. New York: Guilford Press.
- Gioia, G.A., Isquith, P.K., Guy, S.C. & Pratt, B.M. (2001) Survey of knowledge and practice of executive function with children. Pediatric Neuropsychology Interest Group Newsletter, 5, 6-10.
- Gioia, G.A., Isquith, P.K., Guy, S.C. and Kenworthy, L. (2000). Behavior Rating Inventory of Executive Function. Odessa, Fla.: Psychological Assessment Resources, Inc.
- Baron, I.S. and Gioia, G.A. (1998) Neuropsychology of Infants and Young Children. In G. Goldstein, P. Nussbaum and S. Beers (Eds.) Neuropsychology. (Human Brain Function: Assessment and Rehabilitation) New York: Plenum Press.
- Gioia, G.A. (1998) Re-examining the factor structure of the Wide Range Assessment of Memory and Learning: Implications for clinical interpretation. Assessment, 5, 127-140.

- Ylvisaker, M. and Gioia, G.A. (1998) Cognitive Assessment. In M. Ylvisaker (Ed.) Traumatic Brain Injury Rehabilitation: Children and Adolescents (2nd Edition) Boston: Butterworth-Heinemann.
- Aylward, G., Gioia, G.A., Verhulst, S.J. and Bell, S. (1995) Factor structure of the Wide Range Assessment of Memory and Learning in a clinical population. Journal of Psychoeducational Assessment, 13, 132-142.
- Gioia, G.A. (1993) Development and mental retardation. In R. Smith (Ed.) Children with mental retardation: A Parent's Guide. Rockville, Md.: Woodbine House.
- Waber, D.P., Gioia, G., Paccia, J., Sherman, B., Dinklage, D., Sollee, N., and Sallan, S. (1990) Sex differences in cognitive processing in children treated with CNS prophylaxis for acute lymphoblastic leukemia. Journal of Pediatric Psychology, 15, 105-122.
- Miller, H. D., Gioia, G. A., Riggs, M., and Whiteside, R. A. Pilot study of predictors of adolescents' responsiveness to a structured social skills training program. North Carolina Journal of Mental Health, 1982, 9, 31-37.
- Ferrara, R. A., Puff, C. A., Gioia, G. A., and Richards, M. Effects of incidental and intentional learning instructions on the free recall of naturalistic sounds. Bulletin of the Psychonomic Society, 1978, 11, 1 353-355.

#### **PUBLISHED ABSTRACTS:**

- Roth, R.M., Isquith, P.K., Gioia, G.A., Widows, M. (2005). Development of the Behavioral Rating Inventory of Executive Function - Adult version. Archives of Clinical Neuropsychology, 20, 906 (abstract). Poster presented at the 25th Annual Conference of the National Academy of Neuropsychology, Tampa, October.
- Janusz, J., Gioia, G.A., Isquith, P.K., & Espy, K.A. (2002) Clinical validity of the BRIEF-Preschool Version. The Clinical Neuropsychologist, 16, 205.
- Kenealy, L.E., Gioia, G.A., & Isquith, P.K. (2002) Predicting Child ADHD with the BRIEF: A cross-validation study. The Clinical Neuropsychologist, 16, 205.
- Gioia, G., Espy, K., & Isquith, P. (2002) Executive function in preschool children: Examination through everyday behavior. Journal of the International Neuropsychological Society, 8, 164.
- Gioia, G. & Isquith, P. (2002) Two faces of monitor: Thy self and thy task. Journal of the International Neuropsychological Society, 8, 229.
- Nichols, S., Trauner, D., Gioia, G., Clark, J., Waller, S. & Valenzuela, K. (2002) Parent ratings of executive functioning in school-age children following early brain injury. Journal of the International Neuropsychological Society, 8, 231.
- Isquith, P., Gioia, G., & Espy, K. (2002) Development of the Behavior Rating Inventory of Executive Function- Preschool Version. Journal of the International Neuropsychological Society, 8, 303.
- Janusz, J., Ahluvalia, T. & Gioia, G. (2002) The relationship between executive function and adaptive behavior. Journal of the International Neuropsychological Society, 8, 304.
- Maerlander, A., Isquith, P., Gioia, G. & Espy, K. (2002) Assessment of executive function in preschool children via everyday behaviors. Journal of the International Neuropsychological Society, 8, 310.
- Gioia, G. & Isquith, P.K. (2001) Age and gender differences in the development of executive function. Journal of the International Neuropsychological Society, 7, 201.
- Isquith, P.K. Gioia, G. & Retzlaff, P. (2001) Modeling of children's executive function. Journal of the International Neuropsychological Society, 7, 202.
- Isquith, P.K. & Gioia, G.A. (2000) Brief predictions of ADHD: Clinical utility of the Behavior Rating Inventory of Executive Function for detecting ADHD subtypes in children. Archives of Clinical Neuropsychology, 15, 780-781.
- Gioia, G.A., Isquith, P.K. and Guy, S.C. (2000) Construct validity of the Behavior Rating Inventory of Executive Function (BRIEF). Journal of the International Neuropsychological Society, 6, 139.

- Pratt, B., Campbell-LaVoie, F., Isquith, P.K., Gioia, G.A. & Guy, S.C. (2000) The comparative development of executive function in elementary school children with reading disorder and attention-deficit/hyperactivity disorder Journal of the International Neuropsychological Society, 6, 127.
- Gioia, G.A., Isquith, P.K., Guy, S.C. and Pratt, B.M. (1999) Does parent educational level affect ratings of child executive behavior? The Clinical Neuropsychologist, 13, 226.
- Gioia, G.A., Isquith, P.K., Guy, S.C. and Pratt, B.M. (1999) Survey of knowledge and practice of executive function with children. The Clinical Neuropsychologist, 13, 226.
- Gioia, G., Isquith, P., Hoffhines, V., & Guy, S. (1999) Examining the clinical utility of the NEPSY Tower: A tale of two towers. Journal of the International Neuropsychological Society, 5, 117.
- Isquith, P.K. and Gioia, G.A. (1999) Nature of executive function in ADHD. The Clinical Neuropsychologist, 13, 222.
- Isquith, P.K., Pratt, B., Guy, S.C. and Gioia, G.A. (1999). Initial clinical validity of the Behavior Rating Inventory of Executive Function. Journal of the International Neuropsychological Society, 5, 117.
- Gioia, G.A., Guy, S.C. and Isquith, P.K. (1998) Gender dimorphism and timing of exposure in the neuropsychological outcome of lead poisoning in children. Journal of the International Neuropsychological Society, 4, 3.
- Gioia, G.A., Guy, S.C. and Isquith, P.K. (1998) Multivariate modelling of neuropsychiatric disturbance in lead-exposed children. The Journal of Neuropsychiatry and Clinical Neurosciences, 9, 663.
- Gioia, G.A., Isquith, P.K. and Guy, S.C. (1998) The regulatory role of executive control processes in children's behavioral, social, and emotional functioning. The Journal of Neuropsychiatry and Clinical Neurosciences, 9, 663.
- Guy, S.C., Gioia, G.A. and Isquith, P.K. (1998) Gender differences in the relationship between lead exposure and attention and overactivity. Journal of the International Neuropsychological Society, 4, 3.
- Isquith, P.K., Gioia, G.A. and Guy, S.C. (1998) Assessment of executive functions in children: Development of the Behavior Rating Inventory of Executive Functions (BRIEF). Journal of the International Neuropsychological Society, 4, 29.
- Gioia, G.A., Guy, S. and Isquith, P. (1997) Neuropsychological outcome of childhood lead poisoning: Effects of chronicity on executive regulatory function. Journal of the International Neuropsychological Society, 3, 56.
- Gioia, G.A., Isquith, P.K., and Kenworthy, L. (1996) The Boston Naming Test with children: Is it time to re-engineer? Journal of the International Neuropsychological Society, 2, 29.
- Gioia, G.A. (1993) The Tower of Hanoi task and developmental executive dysfunction. Journal of Clinical and Experimental Neuropsychology, 15, 88.
- Gioia, G.A. (1992) Executive/organizational learning disorder: Description of a unique neuropsychological subtype. Journal of Clinical and Experimental Neuropsychology, 14, 119.
- Gioia, G.A. (1991) Re-analysis of the factor structure of the Wide Range Assessment of Memory and Learning: Implications for clinical interpretation. Journal of Clinical and Experimental Neuropsychology, 13, 56.
- Gioia, G.A., Kammerer, B, and Coffman, H.L. (1990) A developmental neuropsychological model for the study of children with HIV infection. Journal of Clinical and Experimental Neuropsychology, 12, 105.

#### **PRESENTATIONS:**

- Gioia, G.A., Collins, M., Isquith, P., & Osgood, J. (2007) Validation of the Acute Concussion Evaluation (ACE) for identifying pediatric mild TBI. Poster presentation to the Annual Meeting of the International Neuropsychological Society (Portland, OR).



- Krivitzky, L., Roebuck-Spencer, T, Johnson, C.P., Gioia, G.A., & Roth, R. (2007) Initial development of a pediatric working memory and inhibitory control task for fMRI. Poster presentation to the Annual Meeting of the International Neuropsychological Society (Portland, OR).
- Johnson, C., Gioia, G., Roth, R., Isquith, P., Harrison, B., & Craig, G. (2007) Children's response accuracy, speed and consistency on a computerized test of executive control. Poster presentation to the Annual Meeting of the International Neuropsychological Society (Portland, OR).
- Diver, T., Gioia, G.A. & Anderson, S. (2007) Discordance of symptom report across clinical and control groups with respect to parent and child. Poster presentation to the Annual Meeting of the International Neuropsychological Society (Portland, OR).
- Shapiro, M. B., Gioia, G. A., Goldberg, D., & Milgrom, O. (2007). Recovery trajectories after pediatric mild Traumatic Brain Injury (mTBI). Poster presentation to the Annual Meeting of the International Neuropsychological Society (Portland, OR).
- Marcus, D., Shapiro, M, Seldin-Sommer, L., Gioia, G.A., & Janusz, J. (2007). Everyday Executive Functioning as a Predictor of Behavioral, Emotional, and Adaptive Functioning in Children with Neurofibromatosis Type 1 Poster presentation to the Annual Meeting of the International Neuropsychological Society (Portland, OR).
- Acosta, M., Gioia, G. A., Marcus, D. Shapiro, M. B. (2007). Pharmacological intervention with Lovastatin for Learning Disabilities in Patients with NF1: Preliminary data in neuropsychological result in a phase I study Paper presentation to the annual meeting of the Children's Tumor Foundation (Park City, Utah).
- Acosta MT , Seldin-Sommer L, Marcus D, Tiff C, Rosenbaum K, Shapiro M, Silva A , Gioia G, Packer R. (2007) Lovastatin as a Pharmacological Treatment for Learning Disabilities in Patients with NF1: Safety data from Phase I study. Paper presentation to the annual meeting of the Children's Tumor Foundation (Park City, Utah).
- Gioia, Janusz, Diver, Natale, Anderson, DiPinto, Osgood, Johnson, Fleischer, Sylvester & Isquith (2006) Initial Development of the Pediatric version of the Immediate Post Concussion Assessment and Cognitive Testing (ImPACT) Battery. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Gioia, Isquith, Roth, Johnson, Janusz, Diver, Anderson, DiPinto, Osgood, & Sylvester. (2006) Initial Development of a Computer-Administered Working Memory and Inhibitory Control Battery for Children. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Diver, Gioia, & Janusz (2006) Initial Evidence of Differentiated Memory Based on Exploratory Factor Analysis of the Pediatric Version of ImPACT. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Johnson, Gioia, Roth, & Isquith (2006) A Novel Performance Test of Working Memory and Inhibitory Control in Children. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- DiPinto, M., Gioia, G, Janusz, J., Osgood, J., Anderson, S., Johnson, C. & Isquith, P (2006) Performance on working memory versus episodic memory tasks in a new computerized pediatric assessment tool: A developmental study. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Janusz, J., Gioia, G., Diver, T., & Natale, M. (2006) Frequency of post-concussion symptom report in a pediatric sample. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Berl, M., Moore, D., Weber, D., Yarger, L., Ohara, K., Mack, L., Ratner, N., Vaidya, C., Gioia, G. & Gaillard, W (2006) Effect of seizure chronicity on working memory and receptive language. . Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

- Gioia, G., Roth, R. & Isquith, P.K. (2006) Evidence of validity based on exploratory factor analysis of the BRIEF-Adult version. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Isquith, P., Roth, R. & Gioia, G. (2006) Mood states as mediators in self-awareness of executive functioning. Presented at the annual meeting of the International Neuropsychological Society, Boston, MA.
- Assessing and intervening with the student with “Mild” Traumatic Brain Injury (TBI)/ Concussion. (2006) Workshop presented to the school psychologists of Montgomery County Public Schools, Rockville, Maryland.
- Understanding and managing concussion in Youth Hockey. (2006) Invited presentation to the Youth Council, Annual Meeting of USA Hockey Association, Colorado Springs, CO.
- Management of concussion in sports: Role of neuropsychological testing. (2006) Invited workshop presented at the annual convention of the Maryland Athletic Trainers Association, Baltimore, Maryland.
- Evaluation of concussion in young children: The development of the Pediatric ImPACT program. (2006) Presented at the 2<sup>nd</sup> second international meeting on minor traumatic brain injuries “mTBI” in sports. San Moritz, Switzerland.
- Neurobehavioral difficulties in children following mild TBI. (2006) Presented at the 2<sup>nd</sup> second international meeting on minor traumatic brain injuries “mTBI” in sports. San Moritz, Switzerland.
- Shooting for the Goal! Improving identification and outcomes of TBI in children. (2006) Symposium presented at the 2<sup>nd</sup> Federal TBI Interagency Conference. Bethesda, Maryland. (J. Janusz, B. Slomine, M. McCarthy, co-presenters).
- Parent and child concordance of serial post-concussion symptomatology reports. (2005) Annual meeting of the International Neuropsychological Society. St. Louis, MO.
- Pediatric Neuropsychology in the Public Health Arena. (2005) Annual invited lecture to the Pediatric Neuropsychology Interest Group. Annual meeting of the International Neuropsychological Society. St. Louis, MO.
- Neuropsychological Management of Concussion in Children and Adolescents: Effect of Age and Gender on ImPACT. (2004) 2<sup>nd</sup> International Symposium on Concussion in Sport. Prague, Czech Republic. (Co-authors: J. Janusz, K. Gilstein, & G. Iverson)
- Construct Validity of the ImPACT Post-Concussion Scale in Children. (2004) 2<sup>nd</sup> International Symposium on Concussion in Sport. Prague, Czech Republic. (Co-authors: J. Janusz, K. Gilstein, & G. Iverson)
- Contributions of the executive functions to the adaptation of children with chronic illness. (2004) American Psychological Association Division 54 Invited Address. Toronto, Canada.
- Understanding Executive Functions: Definitions, Assessment & Interventions (1), Neuropsychology of Pervasive Developmental Disorders (2) (2004). Ulster County, NY Mental Health Dept.
- Linking Executive Functioning to Instructional and Behavioral Interventions. (2004) Maryland School Psychologists Association Annual Conference. Rehobeth Beach, Delaware
- Brain Injury Through the Ages: Developmental Issues. (2004) Brain Injury Association of Maryland annual Conference. Baltimore, MD
- Mild Brain Injury: Lessons learned from the NFL/ Field. (2004) Brain Injury Association of Maryland annual Conference. Baltimore, MD
- Living with epilepsy: Cognitive and behavior-related issues. (2004) Epilepsy Foundation of Chesapeake Region/ Cure Epilepsy Conference. Washington, DC
- Management of Concussions in Sports. (2004) DC Athletic Trainers Association. Bethesda, Maryland.
- CNMC Executive function Clinic. (2004) Maryland Statewide Meeting on ADHD, Columbia, Maryland

- Assessing the incidence and outcomes of mild traumatic brain injury in the National Children's Study – Assessment of Acute and Long-Term Symptoms of Concussion. (2003) National Children's Study (invited expert group on mild TBI). Bethesda, Maryland.
- Educating Children: Can the Executive Functions Can Help? (2003) Montgomery County School Psychologists Assoc. Rockville, MD
- Executive Functions in Children. (2003) Partners for Success. Hagerstown, MD
- Educating Children with Epilepsy and Hemispherectomy. (2003) Hopewell Valley, NJ School system. Pennington, NJ
- Executive Dysfunction in Children and Its Impact on Education. (2003) Families of Russian and Ukrainian Adoptees (FRUA). Rosslyn, VA
- Benefits of a Neuropsychological Evaluation for Children with Epilepsy: Educational and Social. (2003) Epilepsy Foundation of Chesapeake Region. Tyson's Corner, VA
- The role of rating scales for assessing attention and executive function in ADHD. (2002) Paper presented in the Division 40 Conversation Hour "Neuropsychology's role in the evaluation and management of ADHD." Chair: Allan Mirsky. Annual convention of the American Psychological Association. Chicago, IL.
- Executive Functions in Children: Educational Implications and Applications. (2002) Invited workshop, National Association of School Psychologists (NASP) annual convention, Chicago, IL.
- Executive Functions in Children: Educational Implications and Applications. (2002) Invited workshop, Harford County School Psychological Association, Aberdeen, MD.
- Understanding Executive Functions: Definitions, Assessment & Interventions. (2002) Invited workshop, Ulster County Health Department, Kingston, NY.
- Executive Functions in Children: Educational Implications and Applications. (2002) Invited workshop, Baltimore County Public Schools, Towson, MD.
- Understanding Executive Functions: Definitions, Assessment & Interventions. (2002) Invited workshop, Sheppard Pratt Health System, Towson, MD.
- Executive Function and Behavioral/ Emotional Regulation. (2001) Keynote address, Maryland School Psychologists' Association annual conference, Hunt Valley, Maryland.
- Understanding Executive Functions in the Schools: Definitions, theory & research. (Part 1). Assessment & Intervention Methods (Part 2). (2001) Invited workshop, Florida Association of School Psychologists annual conference, Orlando, Florida.
- Assessing and Treating Children with Poor Executive Regulation of Behavior and Learning: How the Frontal Lobes Can Help. (2001) Invited workshop, D.C. Psychological Association, Washington, D.C.
- Brain Development. Invited workshop, Maryland State Child Care Association. (2001) Frederick, Maryland.
- New Perspectives on Educating Children with ADHD: What the Front of their Brains Tells Us. (2001) Invited lecture, University of Maryland School of Law Conference "Children with Special Needs: The Intersection of Health Care, Education and the Law; Baltimore, Maryland.
- Re-Examining ADHD through the Eyes of the Conductor: Contributions of the Executive Functions. (2001) Behavioral Medicine Grand Rounds, Children's National Medical Center, Washington, D.C.
- Educating Children with Hemispherectomy. (2001) Invited workshop, Hopewell Valley, New Jersey School District.
- NF-1 and Behavior. (2001) Invited presentation, NF-1 & Learning Disabilities, Behavior & Brain Gym conference, sponsored by Neurofibromatosis, Inc.-Mid-Atlantic Chapter, Baltimore, Maryland.
- Pediatric Neuropsychology for the Clinical Practitioner. (2001) Invited workshop, Maryland Psychological Association Preconvention Institute, Ocean City, Maryland.

- Executive Functions in Children: Concepts, Assessment and Intervention. (2001) Invited workshop, Maryland Psychological Association Preconvention Institute, Ocean City, Maryland.
- Assessment of Executive Functioning. (2000) Invited workshop, Georgia School Psychologists Association, Georgia.
- Executive Control Functions in Children: Concepts, Assessment and Interventions. (2000) Invited workshop, Maryland School Psychologists' Association Winter Institute, Maryland.
- Davoli, C. & Gioia, G.A. (2000) Lead and Neuropsychological Development: Definitions and Treatment. Invited workshop, National Lead-Safe Housing Conference & Exposition, Philadelphia, PA.
- Executive Control Functions in Children: Concepts, Assessment and Intervention. (2000) Workshop, National Association of School Psychologists, New Orleans, LA
- Behavioral and Cognitive Issues in Children with Lead Poisoning. (2000) Invited workshop, Building a Community Partnership for the Prevention of Childhood Lead Poisoning, sponsored by the Dept. of Health & Mental Hygiene and the Dorchester County Health Department.
- Gioia, G.A., Isquith, P.K. & Armengol, C. (2000) Executive Control Functions in Children: Concepts and Assessment Methods. Workshop, International School Psychological Association.
- Gioia, G.A. (2000) Executive Control Functions in Children: Concepts and Assessment Methods. Invited workshop, Broward County, FLA School Psychologists.
- Gioia, G.A. (2000) The Effects of Brain Injury: An Overview. Keynote Address, Brain Injury Association of Maryland.
- Gioia, G.A. (1999) Neuropsychological regulation of behavior in Childhood: Contribution of the Executive Functions. Invited workshop presented at the annual Fall Conference of the Maryland Psychological Association, Columbia, Maryland.
- Gioia, G.A. (1999) Continuum of Neurodevelopmental Disorders: The blending of special education programming from Infants and Toddlers through the School-Age years. Invited workshop presented at the Maryland State Department of Education annual Conference for the Directors of Special Education and Early Childhood programs, Cumberland, Maryland.
- Gioia, G.A., Pratt, B.M. and Prasad, M. (1999) Traumatic Brain Injury. Invited workshop presented at the Maryland State Department of Education/ Maryland Speech-Language-Hearing Association 3<sup>rd</sup> Annual Conference, Baltimore, Maryland.
- Gioia, G.A. (1999) Neurodevelopmental factors in understanding infants and preschoolers with developmental disabilities. Invited workshop presented at the Maryland Infant and Toddlers Program/ Preschool Services Branch conference, Baltimore, Maryland.
- Gioia, G.A. (1999) Family-school partnerships in facilitating independent problem-solving in children with brain injury. Invited workshop presented at the Brain Injury Association of Maryland Spring Conference, Baltimore, Maryland.
- Gioia, G.A. (1998) Neuropsychological Assessment and Educational Strategies for Children with Epilepsy. Invited presentation at the Epilepsy Education and Treatments Seminar of the Epilepsy Foundation of the Chesapeake Region, Columbia, Maryland.
- Gioia, G.A. (1998) Changes in Social Behavior - Where did their friends go? Invited presentation at the 1998 Brain Injury Association of Maryland Annual Conference, Baltimore, Maryland.
- Gioia, G.A. (1998) Neuropsychological Effects of Lead Poisoning in Children. Invited presentation at the Childhood Lead Poisoning Prevention Conference, Lancaster, PA
- Gioia, G.A. (1996) Definitions, Cognitive Manifestations and Social-Emotional Aspects of Traumatic Brain Injury. Presented at the MSDE Statewide Conference on Traumatic Brain Injury. Towson, Maryland.
- Wachtel, R. and Gioia, G.A. (1996) Attention Deficit Hyperactivity Disorder. Workshop presented at the annual conference of the American Academy of Pediatrics, Boston, MA.

- Gioia, G.A. (1996) Childhood Lead Poisoning: Effects on Academic Learning and Performance. Invited workshop presented at the Annual Learning Disabilities Day of the Learning Disabilities Association of Metropolitan Baltimore. Towson, Maryland.
- Gioia, G.A. and Moore, B. (1996) Lead Poisoning: Medical and Neuropsychological Outcomes. Invited presentation to the Maryland Chesapeake Chapter of the National Association of Pediatric Nurse Associates & Practitioners, Laurel, Maryland.
- Gioia, G.A. (1996) Pediatric Brain Injury: Neuropsychological Consequences. Invited workshop presented at the Ninth Annual School Nurse Institute Program, Baltimore, Maryland.
- Gioia, G.A. and Johnston, M. (1996) Damage to the Developing Brain: Medical and Neuropsychological Outcomes. Mt. Washington Pediatric Hospital, Baltimore, Maryland.
- Gioia, G.A. and Isquith, P.K. (1996) Attention, Memory and Executive Problems in Children: A Framework for Assessment and Treatment. Invited workshop presentation at the 1996 Pre-Convention Institute, Maryland Psychological Association, Ocean City, Maryland
- Gioia, G.A., Isquith, P.K., and Kenworthy, L. (1996) The Boston Naming Test with children: Is it time to re-engineer? Presented at the International Neuropsychological Society annual meeting, Chicago, Illinois.
- Gioia, G.A. and Isquith, P. (1995) Pediatric Neuropsychology. Pediatric Neurology Grand Rounds, Johns Hopkins Hospital, Baltimore, Maryland
- Gioia, G.A. (1995) Mild Head Injury in Children: Out of Sight but not Necessarily Out of Mind. Grand Rounds presentation to the Department of Pediatrics, St. Agnes Hospital, Baltimore, Maryland.
- Gioia, G.A. and Johnston, M. (1995) Damage to the Developing Brain: Medical and Neuropsychological Outcomes. Grand Rounds presentation to the Department of Pediatrics, Sinai Hospital, Baltimore, Maryland.
- Gioia, G.A. (1994) The Executive Control Functions: Definition, Assessment, and Intervention. Workshop presented to the School Psychologists of the Berks County Intermediate Unit, Reading, Pennsylvania.
- Gioia, G.A. (1994) Traumatic Brain Injury for the School Psychologist. Workshop presented to the Baltimore County School Psychologists, Towson, Maryland.
- Gioia, G.A. (1994) Clinical measures of children's learning and memory functions: Present and Future. Presented as part of Symposium entitled "Developmental Theory and Process in the Examination of Children's Memory." (Symposium organized by G. Gioia) International Neuropsychological Society annual meeting, Cincinnati, Ohio.
- Aylward, G.P., Gioia, G.A., Verlhust, S.J. and Bell, S. (1994) Factor structure of the Wide Range Assessment of Memory and Learning in a clinical population. Presented at the International Neuropsychological Society annual meeting, Cincinnati, Ohio.
- Gioia, G.A. (1993) Developmental Neuropsychological Outcome in Lead-Exposed Children: Clinical Assessment and Intervention. Presented as part of the Symposium "Academic Consequences of Early Low Level Lead Poisoning". National Association of School Psychologists annual convention, Washington, D.C.
- Gioia, G.A. (1993) The Tower of Hanoi task and developmental executive dysfunction. Presented at the International Neuropsychological Society annual meeting, Galveston, Texas.
- Gioia, G.A. (1992) Neuropsychologic consequences of disordered breathing during sleep. Presented as part of the Symposium "Respiratory Adaptation and Disorders During Sleep in Children". American Thoracic Society International Conference, Miami, Florida.
- Gioia, G.A. (1992) Behavior problems associated with sleep in children. Presentation at the 19th Annual Pediatric Trends Conference, Johns Hopkins Medical Institutions, Baltimore, Maryland.

- Gioia, G.A. (1992) Learning and memory in pediatric brain injury: A cognitive-affective approach to intervention. Presented at the 4th Annual Cumberland Conference on "Treating Brain Injury and Chronic Illness in Children and Adolescents", Williamsburg, Virginia.
- Gioia, G.A. (1992) Executive/organizational learning disorder: Description of a unique neuropsychological subtype. Presented at the International Neuropsychological Society annual meeting, San Diego, California.
- Gioia, G.A. (1991) Educational re-integration for the brain injured child: A neuropsychological model. Presented at the 6th National Traumatic Brain Injury Symposium, Baltimore, Maryland.
- Gioia, G.A. (1991) Re-analysis of the factor structure of the Wide Range Assessment of Memory and Learning: Implications for clinical interpretation. Presented at the International Neuropsychological Society annual meeting, San Antonio, Texas.
- Gioia, G.A. and Dienstag, E. (1990) Clinical work with pediatric disorders: Developmental and neuropsychological issues. Workshop at the Annual Fall Conference of the Maryland Psychological Association, Columbia, Md.
- Gioia, G.A. and Bell, H. (1990) Traumatic brain injury in children: Medical, rehabilitation and neuropsychological issues. Invited presentation at the Annual Fall Conference of the Maryland School Psychologists Association, Baltimore, Maryland.
- Gioia, G.A., Kammerer, B. and Coffman, H.L. (1990) A developmental neuropsychological model for the study of children with HIV infection. Presented at the International Neuropsychological Society annual meeting, Orlando, Florida.
- Gioia, G.A. (1990) Brain injury resulting from abusive or neglectful behavior: Neuropsychological consequences. Invited presentation at the Statewide Conference on Child Abuse and Neglect Prevention, Baltimore, Maryland.
- Coffman, H.L., Kammerer, B., and Gioia, G.A. (1989) Neuropsychological impact of AIDS on the developing brain. Paper presentation at V International Conference on AIDS, Montreal, Canada.
- Gioia, G.A. (1989) Pediatric oncology: Assessment and intervention from a developmental neuropsychological perspective. Presented at the "Pediatric Neuropsychology" symposium, Albany, New York.
- Holmes, J. M., Gioia, G. A., and Dinklage, D. (1987) The contribution of neuropsychology to clinical psychology practice with children. Symposium presented at Massachusetts Psychological Association Spring meeting.
- Gioia, G.A. (1985) Special considerations in the psychological/ developmental evaluation of developmentally delayed infants and children. Johns Hopkins University School of Public Health, Department of Maternal and Child Health.

#### **PAST TEACHING EXPERIENCE:**

- 1989-2004 Assistant Professor: Johns Hopkins School of Medicine, Department of Pediatrics and Psychiatry and Behavioral Sciences, Division of Medical Psychology. Medical Psychology Seminar series. Lecture presentations on issues associated with pediatric and developmental neuropsychology. Case consultation at monthly Pediatric COR conference.
- 1990-2002 Clinical Assistant Professor: University of Maryland School of Medicine, Department of Pediatrics, Division of Behavioral and Developmental Pediatrics. Pediatric psychology predoctoral internship program. Lecture presentations on issues associated with developmental and pediatric neuropsychology.
- 1987-1989 Instructor: The Children's Hospital, Boston, MA. Pediatric neuropsychology training seminar for predoctoral and postdoctoral training programs.
- 1987-1988 Associate Faculty: Antioch/New England Graduate School. Faculty

appointment in APA-approved doctoral program in Clinical Psychology; instructor of Psychological Assessment, Clinical Neuropsychology, Developmental Neuropsychology, and Professional Clinical Psychology Seminar.