

CURRICULUM VITAE

MARGARET ALLISON CATO JACKSON, Ph.D., ABPP/cn

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EMPLOYMENT and EDUCATION

Associate Chief **Neurology Division, for Neuropsychology**
September 2015- Nemours Children's Specialty Care
Present 807 Children's Way
 Jacksonville, FL 32207

Assistant Professor **Mayo Clinic**
May 1, 2007- Assistant Professor of Psychology
Present College of Medicine
 200 First Street SW
 Rochester, MN 55905

Program Director **Neuropsychology Clinic**
December 2005 – Neurology Division
Present Nemours Children's Specialty Care
 807 Children's Way
 Jacksonville, FL 32207

Visiting Scientist **Mayo Clinic, Florida**
2008-2011 Department of Psychiatry and Psychology
 4500 San Pablo Road
 Jacksonville, FL 32224

Staff **University of California, San Diego**
Research Assoc. Department of Psychiatry
Sept-Nov 2005 9500 Gilman Drive
 La Jolla, CA 92037-0603

Postdoctoral Research Fellowship
August 01, 2003 – November 2005
VISN 22 MIRECC Special Fellowship in Advanced Psychology VA San Diego Healthcare System
Psychology Service, MC 116B
San Diego, CA 92161
Primary Supervisor: Gregory Brown, Ph.D., ABPP/CN

Postdoctoral Appointment
July 22, 2002 – July 22, 2003
University of Florida
Gainesville, Florida
Department of Clinical and Health Psychology
Health Science Center Box 100165
Gainesville, FL 32610-0165
Primary Supervisor: Bruce A. Crosson, Ph.D., ABPP/CN

Ph.D.
May 2002
University of Florida
Gainesville, Florida
Department of Clinical and Health Psychology, APA Full Accreditation
Specialty Track: Clinical Neuropsychology

Dissertation Title: “Emotional connotation as semantic attribute: A whole brain fMRI study of emotional valence and sex effects on word generation.” Defense date: May 24, 2001.
Chairperson: Bruce Crosson, Ph.D., ABPP/CN

Internship
July 1, 2001 – June 30, 2002
University of California, San Diego and VA San Diego Healthcare System, APA Full Accreditation
Psychology Service, MC 116B
San Diego, CA 92161
Specialty Track: Neuropsychology
Primary Supervisors: Gregory Brown, Ph.D., ABPP/CN
Sandra Brown, Ph.D., ABPP/CN

M.A.
May 1997
James Madison University
Harrisonburg, Virginia
Department of Psychology
Specialty Track: Experimental Psychology

Thesis Title: “Can coached or naive college students convincingly simulate mild traumatic brain injury on a battery of tests of malingering?”
Chairperson: JoAnne Brewster, Ph.D.

B.A.
Summa Cum Laude 1995
Wake Forest University
Winston-Salem, North Carolina
Double Major: Psychology and French

BOARD CERTIFICATION IN CLINICAL NEUROPSYCHOLOGY
April 2013-Present American Board of Professional Psychology, Certificate #7352

LICENSURE

2005 – Present Florida Psychologist License (PY7230)
2005 – Present California Psychologist License (PSY 20137) – Inactive Status

RESEARCH TRAINING

September 2005 – **Staff Research Associate III**, University of California, San Diego
November 2005 Department of Psychiatry
Supervisor: Gregory G. Brown, Ph.D., ABPP/CN
Role: Project Manager for fBIRN
Funding: 5 MO1 RR00827-28S3: Functional Imaging Research in Schizophrenia Testbed

August 2003 – **Postdoctoral Fellow, VISN 22 VA Special Fellowship in**
November 2005 **Advanced Psychology**
Psychology Service, VA San Diego Healthcare System
Supervisor: Gregory G. Brown, Ph.D., ABPP/CN
Area of Concentration: Advanced neuroimaging techniques
Clinical Populations: schizophrenia, epilepsy, aphasia.
Funding: VISN 22 Mental Illness Research, Education, and Clinical Centers (MIRECC); P. A. Foote Grant (PI: Cato)

July 2002 – **Postdoctoral Associate, University of Florida and Malcom Randall**
July 2003 **VA Medical Center RR& D Center of Excellence, Brain Rehabilitation Research Center**
Department of Clinical and Health Psychology, University of Florida.
Supervisor: Bruce Crosson, Ph.D., ABPP/CN
Role: Project Manager
Funding: P50-DC03888, Subproject 5: Treatment of Intention and Attention in Aphasia, PI: Bruce Crosson; VA RR&D Brain Rehabilitation Research Center, PI: Leslie Gonzalez-Rothi; McKnight Grant for Memory and Normal Aging: Changes in Word Retrieval in Normal Aging: Executive-Frontal versus Semantic Temporal Substrates, PI: Bruce Crosson.

August 1999 – **Laboratory for Imaging of Language**
May 2001 **and Related Functions**
Department of Clinical and Health Psychology, University of Florida.
Supervisor: Bruce Crosson, Ph.D., ABPP/CN
Role: Project Manager; fMRI Data Analysis
Funding: NIDCD Grant: DC03455: Medial Frontal Cortex in Intentional Aspects of Language. PI: Bruce Crosson, Ph.D., ABPP/CN

CLINICAL TRAINING

Postdoctoral Clinical Duties

Clinical Supervision and Outpatient Psychotherapy, VA San Diego Healthcare System; UCSD CAPS

Dates: September 2003-November 2005

Duties: Provide individual supervision to intern and postdoctoral level psychology trainees in assessment and therapy. Perform individual cognitive behavioral therapy of patients with psychiatric diagnoses including schizophrenia or schizoaffective disorder. Treatment of dual diagnosis polysubstance abuse in subset of this patient population.

Adult Neuropsychology, VA San Diego Healthcare System

Dates: September 2003-November 2005

Duties: Conduct neuropsychological assessments of adults with chronic schizophrenia.

Pediatric Neuropsychology, Psychology Clinic, University of Florida.

Supervisor: Eileen Fennell, Ph.D., ABPP/CN

Dates: July, 2002-July, 2003

Duties: Co-supervise and see pediatric inpatients and outpatients for comprehensive neuropsychological evaluation to address potential neurocognitive effects of a variety of neurological disorders including epilepsy, tumor, traumatic brain injury.

Geriatric Neuropsychology, VA RR&D Brain Rehabilitation Research Center, Malcom Randall Malcom Randall VA Medical Center.

Supervisor: Bruce Crosson, Ph.D., ABPP/CN

Dates: July, 2002-July, 2003

Duties: Co-supervise advanced graduate practicum in geriatric neuropsychological assessment.

Outpatient Psychotherapy, Psychology Service, Malcom Randall Malcom Randall VA Medical Center and Psychology Clinic, University of Florida.

Supervisors: Marianne Freeman, Ph.D. and Anna B. Moore, Ph.D.

Dates: July, 2002-July, 2003

Duties: Treat patients with neurocognitive deficits (e.g., following stroke, tumor) using a combination of cognitive-behavioral techniques and insight-oriented approaches.

Internship at the University of San Diego, California

Neuropsychology Service, San Diego Veterans Affairs Healthcare System, San Diego, California.

Supervisors: Mark Bondi, Ph.D., ABPP/CN, Gregory Brown, Ph.D., ABPP/CN, Dean Delis, Ph.D., APBB/CN, Vince Filoteo, Ph.D., and Terry Jernigan, Ph.D.

Dates: July, 2001-July 2002

Duties: Comprehensive assessments of neurocognitive and emotional functioning. Referrals most commonly from Geropsychiatry Service. Majority of patients with suspected dementias, including those with Alzheimer's, Parkinson's and Huntington's Diseases, and vascular dementias.

Child and Adolescent Psychiatry Services (CAPS), University of California, San Diego.

Supervisors: Sandra J. Brown, Ph.D., ABPP/CN and Susan Tapert, Ph.D.

Duties: Managed individual inpatient cases within this acute inpatient multidisciplinary psychiatric setting including comprehensive disposition planning; Provided individual and group counseling services to child and adolescent inpatients; Conducted neuropsychological, psychoeducational and brief psychological assessments of child and adolescent inpatients; Developed individual treatment plans for inpatients with special needs such as those with autism spectrum disorders or pervasive development disorders; Presented findings to weekly multidisciplinary team meetings.

Advanced Practica in Neuropsychology at the University of Florida

Advanced Practicum in Pediatric Neuropsychology, Shands Hospital Psychology Clinic, University of Florida, Gainesville, Florida.

Supervisor: Eileen Fennell, Ph.D., ABPP/CN

Dates: August 2000-October 2000

Duties: Standardized assessments included tests of cognitive abilities, developmental level, behavioral and emotional status. Referrals included assessment of cognitive sequelae associated with medical conditions or trauma. Other common presenting problems include developmental motor and language delays.

Advanced Practicum in Adult Neuropsychology, Shands Hospital Psychology Clinic, University of Florida, Gainesville, Florida.

Supervisor: Russell Bauer, Ph.D., ABPP/CN

Dates: October 2000-December 2000

Duties: Standardized assessments included tests of neurocognitive abilities, personality, and emotional state. Referrals commonly included patients with epilepsy (including pre- and post-surgical evaluations), traumatic brain injury, and dementia.

Advanced Practicum in Geriatric Neuropsychology, Brain Rehabilitation Center, Veterans' Administration Medical Center, Gainesville, Florida.

Supervisor: Bruce Crosson, Ph.D., ABPP/CN

Dates: June 2000-August 2000

Duties: Neuropsychological assessment of patients status post-cerebral vascular accident for consideration in participation in ongoing research studies at the Brain Rehabilitation Research Center.

INVITED TALKS/TEACHING EXPERIENCE/COMMUNITY OUTREACH

- 2016 “Dyslexia and the Reading Brain” for the GRASP Alliance, supporting the GRASP Academy, a Duval County Public Choice School dedicated to youth with dyslexia. Held at Jacksonville University
- “Dyslexia and the Reading Brain” presented to the University of North Florida Neuroscience Club
- 2015 “Careers in Neuroscience and Neuropsychology” presented to the University of North Florida Neuroscience Club
- 2014-2015 Meet the Masters Presenter, Hendricks Avenue Elementary (HAE)
Parent Teacher Association, Board Member, Health and Fitness, HAE
Vestry Member, All Saints Episcopal Church
Planning Committee, Duckpond Dash, 1-Mile and 5K Race
- 2013-2015 American Board of Clinical Neuropsychology Mentor
- 2012 “Don’t Miss These Milestones” Article for Health Source Magazine, April 2012, Jacksonville, FL
- 2011 Invited speaker for Jacksonville Community Council Inc. (JCCI) Children 1.2.3 Study “Brain Development and Plasticity”, October 12, 2011
- 2010 Invited speaker for Mayo Florida 2010-2011 Neurology Grand Rounds, “Use of Functional Magnetic Resonance Imaging (fMRI) to Assess Recovery in Stroke: A Feasibility Study”, August 9, 2010
- 2008 Invited lecturer at the Preschool Special Needs Conference, Jacksonville, FL
April
- 2007 Invited speaker to the Northeast Florida Epilepsy Foundation Parent Support Group, Thursday, May 10, 2007
- Invited lecturer at the 2007 Preschool Special Needs Conference, Jacksonville, FL, April 20, 2007
- Invited investigator lecturer at the 2007 first meeting of the Nemours-Mayo Florida-UNF Research Consortium.
- 2006 Postdoctoral primary mentorship for Karla Repper, Ph.D., Nemours Postdoctoral Fellow, BrightStart! Dyslexia Initiative; Participation in training of Nemours/Mayo Clinic Neurology Residents.

Invited lecturer to Pediatric Residents at Wolfson Children's Hospital/Baptist Health, "Neuropsychological Assessment, Overview and Case Illustration," 09/21/06.

2005 Invited lecturer to UCSD Department of Psychiatry faculty on fMRI data acquisition for the Methods in Genetics and Neuroimaging Workshop Series, 7/05/05.

Invited Lecturer for PGY2 Residents, "Neuropsychological Assessment, Overview and Case Illustration." UCSD Department of Psychiatry, 5/19/05.

Spring 2003 Co-Instructor, **Subcortical Functions in Cognition.**
Responsible for one-hour lecture weekly covering the assigned readings.
Instructor: Bruce Crosson, Ph.D., University of Florida

Fall 2002-Present **Supervision of Trainees**
Locations: **Current: Mayo Clinic Rochester Neuropsychology, Nemours Children's Specialty Care, Neurology Fellows, Florida State University, MSW, Prior:** University of Florida, Gainesville, Malcom Randall VA, VA San Diego Healthcare System, and Nemours Children's Clinic
Duties: Provide pre-licensure supervision to pre- and post-doctoral Clinical Psychology trainees, Clinical Neuropsychology trainees, Neurology Fellows
Dates: 2002-Present (Currently Nemours/Mayo trainees)

Spring 1997 Co-Instructor, Psychology 402A: **Detection of Malingering or Compromised Motivation During Neuropsychological Assessments.**
Responsible for creation, instruction and grading of this course. Provided instruction on test administration, and scoring of tests of malingering to a small group of undergraduate students. Supervised students of class who tested other undergraduate students for a research project on malingering.
Instructor: JoAnne Brewster, Ph.D., James Madison University

Spring 1997 Laboratory Instructor, Psychology 211: **Experimental Psychology.**
Responsible for: course development and laboratory instruction; grading of laboratory assignments and papers; calculation of course grades.
Instructor: Jeffrey Pickens, Ph.D., James Madison University

Fall 1996 Laboratory Instructor, Psychology 211: **Experimental Psychology.**
Responsible for: course development and laboratory instruction; grading of laboratory assignments and papers; calculation of course grades.
Instructor: Sherry Serdikoff, Ph.D., James Madison University

- 1995-1996 Graduate Assistantship, Department of Psychology
James Madison University.
- M.A. Program Student Assistant and Representative: Assistance with M.A. Program administrative duties; scheduling and operation of weekly research roundtable series; maintenance of alumni database; student representative at faculty meetings for M.A. program; student liaison and coordinator of social events.
- Spring 1996 Graduate Assistant, Psychology 493: **Psychophysiology**.
Trained in use of Coulbourn Laplink System. Assisted in course development and teaching of Psychophysiology Laboratory.
Instructor: Michael Stoloff, Ph.D.
- Spring 1996 Graduate Assistant, Psychology 211: **Experimental Psychology**.
Assistance with: course development and laboratory instruction; grading of laboratory assignments and papers; calculation of course grades.
Course Instructor: Michael Stoloff, Ph.D.; Laboratory Instructor, Dana Rosenbaum
- Fall 1995 Graduate Assistant, Psychology 210: **Experimental Psychology**.
Assistance with: course development and laboratory instruction; grading of laboratory assignments and papers; calculation of course grades.
Instructor: Jim Benedict, Ph.D.
- Fall 1995 and Spring 1996 Graduate Assistant, Psychology 101: **Introductory Psychology**.
Assistance in course development; class proctoring.
Instructor: James Butler, Ph.D.

PROFESSIONAL DEVELOPMENT

- 2006-Present Nemours/Wolfson/Mayo Neuroradiology Rounds and Epilepsy Surgery Conference
- Mayo Tri-Site Neuropsychology Meetings, Presenter
- Nemours Psychology CE Conference Series, Director (2013- Present) and Presenter
- Wolfson Department of Pediatrics Grand Rounds
- 2007 ADOS Clinical and Research Training, January 25-28, 2007,
University of Florida, Gainesville
Trainer: Jennifer Olson, PsyD
- 2005 Annual VISN22 MIRECC Retreat, Long Beach, CA, July 19, Invited Guest.

Fourth Annual Career Development Institute, April 2-5, Stanford University Department of Psychiatry, Palo Alto, CA

2004-2005 Psychiatric Symptom and Diagnostic Rating Course, Self Study through Collaborations with UCLA, MIRECC, and fBIRN Investigators

2004 Advanced AFNI Workshop Course, San Diego CA, August 2004

Graduate Summer School: Mathematics in Brain Imaging, Institute for Pure and Applied Mathematics, Los Angeles, CA, July 17-23, 2004.

2003-2005

MIRECC Special Fellowship in Advanced Psychiatry and Psychology V-Tel Seminar Series, VASDHS, San Diego, CA

MIRECC/REAP Neuroimaging Seminar, UCSD/VASDHS Laboratory of Cognitive Imaging, San Diego, CA

Neurovascular Coupling Journal Club, The University of California at San Diego and the Salk Institute Center for Functional Magnetic Resonance Imaging, San Diego, CA

Neuroimaging Current Contents Journal Club, UCSD/VASDHS Laboratory of Cognitive Imaging, San Diego, CA

2002-2003

VA Centers of Excellence Research Seminar Series, Interdisciplinary Monthly Research Series, Gainesville, FL

Center for Neuropsychological Studies VAMC - Interdisciplinary Weekly Research Presentation Series, Gainesville, FL

UF Neuropsychology Brown Bag - Weekly Research Presentation Series, Gainesville, FL

2001-2002

UCSD fMRI Journal Club, Interdisciplinary Weekly Research Presentation Series, San Diego, CA

Psychology Intern Seminar Series, Veterans Affairs San Diego Healthcare System, San Diego, CA

Child and Adolescent Psychiatry Grand Rounds, Children's Hospital, San Diego, CA

- 1997-2001 UF Neuropsychology Brown Bag - Weekly Research Presentation Series, Gainesville, FL
- Center for Neuropsychological Studies VAMC - Interdisciplinary Weekly Research Presentation Series, Gainesville, FL
- UF fMRI Journal Club - Interdisciplinary Weekly Research Presentation Series, Gainesville, FL
- 1998-2001 UF Autism Journal Club - Interdisciplinary Weekly Journal Review Series, Gainesville, FL
- 1999 Medical College of Wisconsin, Section of Neuropsychology. fMRI Course. Milwaukee, Wisconsin, October 11-13, 1999.
- 1998 HealthEmotions Research Institute. Fourth Annual Wisconsin Symposium on Emotion, "Affective Neuroscience". Madison, Wisconsin. April 17-18, 1998.
- Summers 1996, 1997 Assistant Director, Autism Summer Camp, Chapel Hill, NC, Division TEACCH, Autism Foundation of North Carolina, Inc., Raleigh, NC.

PROFESSIONAL AFFILIATIONS

American Psychological Association, Div. 40
--APA Div 40 Program Committee Member: Sept 2011 to August 2014

Florida Psychological Association

International Neuropsychological Society

National Academy of Neuropsychology

Florida Society of Neurology and The Center for Neuropsychological Studies

AD HOC/INVITED REVIEWER

Pediatric Diabetes

Journal of the International Neuropsychological Society (Most Active)

APA, Div 40

American Board of Clinical Neuropsychology
Mentor for Applicants

Merit Review, Department of Veterans Affairs

Brain and Language

Irish Research Council for Science, Engineering and Technology (IRCSET), Government of Ireland Postdoctoral Fellowships in Science, Engineering and Technology – Engineering and Technology Application Assessment (June 2004)

American Journal of Physical Medicine and Rehabilitation

HONORS AND AWARDS

- February 2005 Full Scholarship to attend Fourth Annual Career Development Institute, April 2-5, Stanford University Department of Psychiatry, Palo Alto, CA
- April 2004 Award for Poster (\$500 travel money) presented at the 17th annual College of Public Health and Health Professions Research Fair, Gainesville, FL.
- October 2000 Molly Harrower Award for Excellence in Psychodiagnostic Assessment, Department of Clinical and Health Psychology, University of Florida.
- October 2000 Department of Clinical and Health Psychology Award for Excellence in Clinical Psychology Research, University of Florida.
- April 1998 Travel award to attend the Fourth Annual Wisconsin Symposium on Emotion, “Affective Neuroscience”. Madison, Wisconsin. April 17-18, 1998.
- 1995-1996 Student Representative to Faculty, Experimental M.A. Program in Psychology, James Madison University.
- 1993-1995 Psi Chi Honor Society, Wake Forest University.
- 1991-1995 Dean's List, Wake Forest University.
- Fall 1993 Semester Abroad, University of Burgundy, Dijon, France.

AWARDED GRANTS

Co-I: Cato Jackson, M. *Type 2 Diabetes and the Brain in Children: Clamp Pilot* (Snyder, L, PI) (2018) (10% FTE) Roles: Chair, Neuropsychological Testing Core

Co-I: Cato Jackson, M. *Type 1 Diabetes: Closed Loop Study* (Mauras, N. & Reiss, A Co-PIs) (2018-2019) (20% FTE) 1R01HD078463-01A1 NICHD NIH HHS Diabetes Research in

Children network (DirecNet); Roles: Chair, Neuropsychological Testing Core; Site Lead: Functional Magnetic Resonance Imaging & Steering Committee Member.

Co-I: Cato Jackson, M. *Type 1 Diabetes and the Brain in Children: Metabolic Interventions* (Mauras, N. & Reiss, A Co-PIs) (2014-2019) (20% FTE) 1R01HD078463-01A1 NICHD NIH HHS Diabetes Research in Children network (DirecNet); Roles: Chair, Neuropsychological Testing Core; Site Lead: Functional Magnetic Resonance Imaging & Steering Committee Member.

Co-I: Cato Jackson, M. *Cognitive and Neuroanatomical Consequences of Type 1 Diabetes in Young Children* (Mauras, N., PI) (2010-2012) (20% FTE) U10 HD041918-06/NICHD NIH HHS Diabetes Research in Children network (DirecNet); Role: Co-Chair, Neuropsychological Testing Core with Tamara Hershey, Ph.D.

Co-I: Cato Jackson, M. *Clinical Genetics Cluster Grant: Sub Project 4 Understanding the mechanisms of duplication chromosome 15 syndrome* (Schanen, N. C. PI) (2011-2013) (10% FTE) (Role: Supervise and Administer Test Battery including: ADOS, ADI-R, Mullen)

Site Neuropsychologist: Cato Jackson, M. 1 U01 NS045911-02 Childhood Absence Epilepsy Rx, PK-PD-Pharmacogenetics (Glauser PI)
Role: Site Neuropsychologist

PI: Cato Jackson, M. CR-20 *“Use of Functional Magnetic Resonance Imaging (fMRI) to Assess Post-Stroke Cognitive Impairment: A Feasibility Study”* Award date: 03/19/2008 Mayo Clinic Grant, CR-20 Cato (PI) (20% FTE) 04/10/2008-06/01/2010

PI: Cato Jackson, M. Nemours Children’s Clinic Pilot Funds for fMRI Development. Award date: Jan 2007.

PI: Cato Jackson, M. Mayo Clinic Pilot Funds for fMRI Development. Award date: Nov 2006.

PI: Cato Jackson, M. Program development grant for fMRI submitted to Nemours Foundation. Award date: Nov 2006.

PI: Turk, W. Childhood Absence Epilepsy Rx, PD-PD Pharmacogenetics: Multi-Site Study. , Role: Co-Investigator, Nemours Site Neuropsychologist. Award date: 12/01/05

PI: Cato, M. Disordered language production in chronic schizophrenia: An fMRI study of the role of medial prefrontal cortex. VISN 22 MIRECC Pilot Funds, VA San Diego Healthcare System. Award: \$12,000.00, Award date: 6/15/04.

PI: Cato, M., Functional outcomes of a rehabilitative treatment for nonfluent aphasia: Evaluation and prediction using lesion patterns and performance characteristics. Sponsor: P. A. Foote Program, University of Florida. Award: \$7,045.00, Award date: 4/18/03.

PUBLICATIONS

- Fox LA, Hershey T, Mauras N, Arbeláez AM, Tamborlane WV, Buckingham B, Tsalikian E, Englert K, Raman M, Jo B, Shen H, Reiss A, Mazaika P; Diabetes Research in Children Network (**DirecNet**). [Persistence of abnormalities in white matter in children with type 1 diabetes](#). *Diabetologia*. 2018 Jul;61(7):1538-1547.
- Foland-Ross LC, Reiss AL, Mazaika PK, Mauras N, Weinzimer SA, Aye T, Tansey MJ, White NH; Diabetes Research in Children Network (**DirecNet**). [Longitudinal assessment of hippocampus structure in children with type 1 diabetes](#). *Pediatr Diabetes*. 2018 Apr 19.
- Sundberg F, Barnard K, **Cato** A, de Beaufort C, DiMeglio LA, Dooley G, Hershey T, Hitchcock J, Jain V, Weissberg-Benchell J, Rami-Merhar B, Smart CE, Hanas R. [ISPAD Guidelines. Managing diabetes in preschool children](#). *Pediatr Diabetes*. 2017 Nov;18(7):499-517
- Saggar M, Tsalikian E, Mauras N, Mazaika P, White NH, Weinzimer S, Buckingham B, Hershey T, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [Compensatory Hyperconnectivity in Developing Brains of Young Children With Type 1 Diabetes](#). *Diabetes*. 2017 Mar;66(3):754-762. doi: 10.2337/db16-0414. Epub 2016 Oct 4.
- Cato** A, Hershey T. [Cognition and Type 1 Diabetes in Children and Adolescents](#). *Diabetes Spectr*. 2016 Nov;29(4):197-202.
- Hosseini SM, Mazaika P, Mauras N, Buckingham B, Weinzimer SA, Tsalikian E, White NH, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [Altered Integration of Structural Covariance Networks in Young Children With Type 1 Diabetes](#). *Hum Brain Mapp*. 2016 Nov;37(11):4034-4046.
- Cato** MA, Mauras N, Mazaika P, Kollman C, Cheng P, Aye T, Ambrosino J, Beck RW, Ruedy KJ, Reiss AL, Tansey M, White NH, Hershey T; Diabetes Research in Children Network. [Longitudinal Evaluation of Cognitive Functioning in Young Children with Type 1 Diabetes over 18 Months](#). *J Int Neuropsychol Soc*. 2016 Mar;22(3):293-302.
- Mazaika PK, Weinzimer SA, Mauras N, Buckingham B, White NH, Tsalikian E, Hershey T, **Cato** A, Aye T, Fox L, Wilson DM, Tansey MJ, Tamborlane W, Peng D, Raman M, Marzelli M, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [Variations in Brain Volume and Growth in Young Children With Type 1 Diabetes](#). *Diabetes*. 2016 Feb;65(2):476-85. doi: 10.2337/db15-1242. Epub 2015 Oct 28.
- Mauras N, Mazaika P, Buckingham B, Weinzimer S, White NH, Tsalikian E, Hershey T, **Cato** A, Cheng P, Kollman C, Beck RW, Ruedy K, Aye T, Fox L, Arbelaez AM, Wilson D, Tansey M, Tamborlane W, Peng D, Marzelli M, Winer KK, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [Longitudinal assessment of neuroanatomical and cognitive differences in young children with type 1 diabetes: association with](#)

- [hyperglycemia](#). *Diabetes*. 2015 May;64(5):1770-9. doi: 10.2337/db14-1445. Epub 2014 Dec 8.
- Barnea-Goraly N, Weinzimer SA, Ruedy KJ, Mauras N, Beck RW, Marzelli MJ, Mazaika PK, Aye T, White NH, Tsalikian E, Fox L, Kollman C, Cheng P, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [High success rates of sedation-free brain MRI scanning in young children using simple subject preparation protocols with and without a commercial mock scanner--the Diabetes Research in Children Network \(DirecNet\) experience](#). *Pediatr Radiol*. 2014 Feb;44(2):181-6. doi: 10.1007/s00247-013-2798-7. Epub 2013 Oct 6.
- Barnea-Goraly N, Raman M, Mazaika P, Marzelli M, Hershey T, Weinzimer SA, Aye T, Buckingham B, Mauras N, White NH, Fox LA, Tansey M, Beck RW, Ruedy KJ, Kollman C, Cheng P, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [Alterations in white matter structure in young children with type 1 diabetes](#). *Diabetes Care*. 2014 Feb;37(2):332-40. doi: 10.2337/dc13-1388. Epub 2013 Dec 6.
- Cato** MA, Mauras N, Ambrosino J, Bondurant A, Conrad AL, Kollman C, Cheng P, Beck RW, Ruedy KJ, Aye T, Reiss AL, White NH, Hershey T; Diabetes Research in Children Network (**DirecNet**). [Cognitive functioning in young children with type 1 diabetes](#). *J Int Neuropsychol Soc*. 2014 Feb;20(2):238-47.
- Cato** MA, Mauras N, Ambrosino J, Bondurant A, Conrad AL, Kollman C, Cheng P, Beck RW, Ruedy KJ, Aye T, Reiss AL, White NH, Hershey T; Diabetes Research in Children Network (**DirecNet**). [Cognitive functioning in young children with type 1 diabetes](#). *J Int Neuropsychol Soc*. 2014 Feb;20(2):238-47.
- Marzelli MJ, Mazaika PK, Barnea-Goraly N, Hershey T, Tsalikian E, Tamborlane W, Mauras N, White NH, Buckingham B, Beck RW, Ruedy KJ, Kollman C, Cheng P, Reiss AL; Diabetes Research in Children Network (**DirecNet**). [Neuroanatomical correlates of dysglycemia in young children with type 1 diabetes](#). *Diabetes*. 2014 Jan;63(1):343-53. doi: 10.2337/db13-0179. Epub 2013 Oct 29.
- Wierenga CE, Perlstein WM, Benjamin M, Leonard CM, Rothi LG, Conway T, **Cato** MA, Gopinath K, Briggs R, Crosson B. [Neural substrates of object identification: Functional magnetic resonance imaging evidence that category and visual attribute contribute to semantic knowledge](#). *J Int Neuropsychol Soc*. 2009 Mar;15(2):169-81.
- Wierenga CE, Benjamin M, Gopinath K, Perlstein WM, Leonard CM, Rothi LJ, Conway T, **Cato** MA, Briggs R, Crosson B. [Age-related changes in word retrieval: role of bilateral frontal and subcortical networks](#). *Neurobiol Aging*. 2008 Mar;29(3):436-51. Epub 2006 Dec 4.
- Crosson B, Fabrizio KS, Singletary F, **Cato** MA, Wierenga CE, Parkinson RB, Sherod ME, Moore AB, Ciampitti M, Holiway B, Leon S, Rodriguez A, Kendall DL, Levy IF, Rothi LJ. [Treatment of naming in nonfluent aphasia through manipulation of intention and](#)

[attention: a phase 1 comparison of two novel treatments](#). J Int Neuropsychol Soc. 2007 Jul;13(4):582-94. Epub 2007 May 18.

Jackson MA, Crosson B. [Emotional connotation of words: role of emotion in distributed semantic systems](#). Prog Brain Res. 2006;156:205-16.

Brown, G. G., Jernigan, T. L., **Cato**, M. A. (2006). fMRI of neuropsychiatric disorders (3rd ed.). In R. R. Edelman, J. R. Hesselink, & M. B. Zlatkin (Eds.), *Clinical magnetic resonance imaging*. New York: Saunders.

Cato, M. A. & Crosson, B. (2006). Stable and slowly progressive dementias. In D. K. Attix & K Welsh-Bohmer (Eds.), *Geriatric neuropsychological assessment and intervention*. New York: Guilford Publications.

Cato MA, Delis DC, Abildskov TJ, Bigler E. [Assessing the elusive cognitive deficits associated with ventromedial prefrontal damage: a case of a modern-day Phineas Gage](#). J Int Neuropsychol Soc. 2004 May;10(3):453-65.

Cato MA, Crosson B, Gökçay D, Soltysik D, Wierenga C, Gopinath K, Himes N, Belanger H, Bauer RM, Fischler IS, Gonzalez-Rothi L, Briggs RW. [Processing words with emotional connotation: an FMRI study of time course and laterality in rostral frontal and retrosplenial cortices](#). J Cogn Neurosci. 2004 Mar;16(2):167-77.

Crosson B, Benefield H, **Cato** MA, Sadek JR, Moore AB, Wierenga CE, Gopinath K, Soltysik D, Bauer RM, Auerbach EJ, Gökçay D, Leonard CM, Briggs RW. [Left and right basal ganglia and frontal activity during language generation: contributions to lexical, semantic, and phonological processes](#). J Int Neuropsychol Soc. 2003 Nov;9(7):1061-77.

Cato, M. A. (2003). Emotional connotation as semantic attribute: A whole brain fMRI study of emotional valence and sex effects on word generation. *Dissertation Abstracts International: Section B: The Sciences & Engineering*, 63(10-B), 4893 Engineering.

Cato MA, Brewster J, Ryan T, Giuliano AJ. [Coaching and the ability to simulate mild traumatic brain injury symptoms](#). Clin Neuropsychol. 2002 Dec;16(4):524-35. Erratum in: Clin Neuropsychol. 2003 May;17(2):285-6.

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Paper Presentations

Jones, C. & **Cato Jackson**, M.A. (2015, October). "How Neuropsychology Fits into the World of a School Psychologist." Florida Association of School Psychology's 42nd Annual Conference. Orlando, FL.

Hershey, T., **Cato**, A., Bondurant, A., Aye, T., Conrad, A., Ambrosino, J., White, N. H., Mauras, N., Kollman, C., Ruedy, K., Xing, D. for the Diabetes Research in Children Network (DirecNet) (2012). *Cognitive and behavioral differences in young children with type 1 diabetes mellitus: Preliminary Results.* Paper presented at the Annual Meeting of the American Diabetes Association.

Wierenga, C. et al. (2005, February). *Age-Related Changes in Word Retrieval: Frontal-Executive vs. Temporal-Semantic Substrates.* Paper presented at the 33rd Annual Meeting of the International Neuropsychological Society, St. Louis, Missouri.

Crosson, B. & **Cato**, M. A. (2004, September). *Emotional connotation of words: Role of emotion in distributed semantic systems.* Paper presented at an invited symposium, Understanding Emotions: Insights into Emotion, Center for Junior Research Fellows Konstanz and Young Scientist Program (WIN) of the Heidelberg Academy of Science, Freudental Castle, Konstanz, Germany.

Delis, D. C., Bigler, E., & **Cato**, M. A. (2004, March). *Orbital Prefrontal Damage: Comparison of Adult and Pediatric Cognitive Profiles.* Paper presented at the 14th Annual Nelson Butters' West Coast Neuropsychology Conference, Del Mar, CA.

Cato, M., Crosson, B., Gökçay, D., Soltysik, D., Wierenga, C., Gopinath, K., Belanger, H., Himes, N., Bauer, R., Fischler, I., Gonzalez-Rothi, L. J., & Briggs, R. (2002, February). *Emotional connotation as semantic attribute: A whole brain fMRI study of emotional valence and sex effects on word generation.* Paper presented at the 30th Annual Meeting of the International Neuropsychological Society, Honolulu, HI.

Crosson, B., Benefield, H., **Cato**, M. A., Sadek, J. R., Gopinath, K., Soltysik, D., Bauer, R. M., Auerbach, E. J., Gökçay, D., Briggs, R. W. (2000, February). *Subcortical activity during word and syllable generation: An fMRI study.* Paper presented at the 28th Annual Meeting of the International Neuropsychological Society, Chicago, IL.

Sadek, J., Crosson, B., Griffin, L., Ash, R., Briggs, R., Gökçay, D., Gopinath, K., Soltysik, D., **Cato, A.**, & Bauer, R. (1999, February). *fMRI activation changes in medial posterior cortex due to language practice*. Paper presented at the 27th Annual Meeting of the International Neuropsychological Society.

Cato, M. A., Brewster, J. & Stoloff, M. (1997, October). *Forensic neuropsychology: The ability to malingering on motivational tests*. Paper presented at the meeting of the Society for Police and Criminal Psychology, Boston, MA.

Poster Presentations

Mauras, N., White, N.H., Tsalikian, E., Weinzimer, S., Aye, T., **Cato, A.**, Cheng, P., Kollman, C., Beck, R., Ruedy, K., Hershey, T., Mazaika, P., Barnea-Goraly, N., Marzelli, M., Fox, L., Tamborlane, W. Arbelaez, A.M., Reiss, A. for the Diabetes Research in Children Network. (2013, September). *Cognitive and Neuroanatomical Differences in Young Children with Type 1 Diabetes (T1D) and the Association with Dysglycemia: The Diabetes Research in Children Network Experience*. Poster presented to the 9th Joint Meeting of Paediatric Endocrinology (2013, Milan, Italy).

Cato Jackson, M. A., Belkin, M., & Hammond, D. (2008, February). *Neurovascular, MRI and Neurocognitive Risk Factors in Sickle Cell Disease: A Case Study with Hb SS and Moyamoya*. Poster presented at the 36th annual meeting of the International Neuropsychological Society. *Journal of the International Neuropsychological Society* (2008), 14, Suppl. 1, p.5.

Cato Jackson, M. A. & Abram, H.S. (2007, February). *Electroclinical Features and Neuropsychological Findings in a Case of Childhood Atypical Absence Epilepsy*. Poster session presented at the 35th annual meeting of the International Neuropsychological Society, Portland, Oregon.

Cato, M. A., Wierenga, C.E., Parkinson, R. B., Chang, Y. L., & Crosson, B., (2006, February). *Lesion Pattern and Rehabilitative Treatment Success in Aphasia: Voxel-Based vs. Lesion Rating Techniques*. Poster session presented at the 34th annual meeting of the International Neuropsychological Society, Boston, MA.

Cato, M. A., Crosson, B., Granholm, E., & Brown, G. G. (2005, December). *Role of Medial Prefrontal Cortex in Intention Deficit in Schizophrenia*. Poster session presented at the 44th annual meeting of the American College of Neuropsychopharmacology, Waikoloa, HI.

Cato, M.A., Parkinson, R.B., Wierenga, C.E., & Crosson, B.A. (2004, October). *Lesion pattern predicts rehabilitative treatment success in chronic nonfluent aphasia*. Poster session presented at the 34th annual meeting of the Society for Neuroscience, San Diego, CA.

Parkinson, R., Wierenga, C., Crosson, B., & **Cato, M.** (2004, April). *Predicting rehabilitative treatment success in chronic nonfluent aphasia: Lesion and performance characteristics*.

Poster session presented at the 17th annual College of Public Health and Health Professions Research Fair, Gainesville, FL.

Cato, M., Parkinson, R., Wierenga, C., & Crosson, B. (2004, February). *Predicting rehabilitative treatment success in chronic nonfluent aphasia: Lesion and performance characteristics*. Poster session presented at the 32nd annual meeting of the International Neuropsychological Society, Baltimore, MD.

Cato, M. (2003, November). *Baseline neurovascular function and BOLD response in schizophrenia: A proposed fMRI Investigation*. Poster session presented at the VISN 22 MIRECC Fall Retreat, Huntington Beach, CA.

Cato, M., Delis, D., Abildskov, T., & Bigler, E. (2003, February). *Assessing the elusive cognitive deficits associated with orbitofrontal damage: Case study of a modern-day Phineas Gage*. Poster session presented at the 31st annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.

Crosson, B., **Cato, M. A.,** Benefield, H., Moore, A. B., Wierenga, C. E., Sadek, J. R., Gopinath, K. S., Soltysik, D. A., Bauer, R. M., Auerbach, E. J., Gökçay, D., & Briggs, R. W. (2001, November). *fMRI of Right Basal Ganglia and Frontal Activity during Language Generation*. Poster session presented at the 31st annual meeting of the Society for Neuroscience, San Diego, CA.

Crosson, B., Benefield, H., **Cato, M. A.,** Sadek, J. R., Gopinath, K. S., Soltysik, D. A., Bauer, R. M., Auerbach, E. J., Gökçay, D., Leonard, C. M., & Briggs, R. W. (2001, June). *Left parahippocampal gyrus activity during language generation*. Poster session presented at the 7th annual meeting of the Organization for Human Brain Mapping, Brighton, United Kingdom.

Crosson, B., Benefield, H., **Cato, A.,** Sadek, J., Gopinath, K., Soltysik, D., Bauer, R., Auerbach, E., Gökçay, D., & Briggs, R. (2001, February). *Subcortical activity during word and syllable generation: An fMRI study*. Poster session presented at the 29th annual meeting of the International Neuropsychological Society, Chicago, IL.

Crosson, B., Sadek, J. R., Maron, L., Gökçay, D., **Cato, M. A.,** Auerbach, E. J., Freeman, A. J., & Briggs, R. W. (2000, November). *Role of the Basal Ganglia in Word Generation: An fMRI Study*. Poster session presented at the 30th annual meeting of the Society for Neuroscience, New Orleans, LA.

Benefield, H., Crosson, B., **Cato, M. A.,** Sadek, J. R., Gopinath, K. S., Soltysik, D. A., Bauer, R. M., Auerbach, E. J., Gökçay, D., & Briggs, R. W. (2000, June). *Role of medial frontal cortex in word retrieval*. Poster session presented at the 6th annual meeting of the Organization for Human Brain Mapping, San Antonio, TX.

- Briggs, R. W., Gopinath, K. S., Soltysik, D. A., **Cato**, M. A., & Crosson, B. (2000, April). *Deconvolution analysis in emotional word generation monitored by random block and event-related fMRI*. Poster session presented at the annual meeting of the International Society for Magnetic Resonance in Medicine, Denver, CO.
- Cato**, M., Crosson, B., Sadek, J., Radonovich, K., Gökçay, D., Bauer, R., Fischler, I., Maron, L., Auerbach, E., Browd, S., Freeman, A., & Briggs, R. (2000, February). *Semantic processing for animal names, tool names, and words with emotional connotations: An fMRI investigation*. Poster session presented at the 28th annual meeting of the International Neuropsychology Society, Denver, CO.
- Cato**, M. A., Browd, S. R., Gilmore, R. L., Fenster, W., Roper, S. N., Fennell, E. M., Gopinath, K. S., Sadek, J. R., Crosson, B. (1999, December). *Multimodality (fMRI, Wada, cortical stimulation) language assessment: Case study of a bilingual, left-handed Japanese-American female*. Poster session presented at the 53rd annual meeting of the American Epilepsy Society, Orlando, FL.
- Crosson, B., Radonovich, K., Sadek, J. R., Gökçay, D., Bauer, R. M., Fischler, I. S., **Cato**, M. A., Maron, L., Auerbach, E. J., Browd, S. R., & Briggs, R. W. (1999, June). *Left-hemisphere knowledge of emotional meaning during word generation*. Poster session presented at the 5th annual meeting of the Organization for Human Brain Mapping, Düsseldorf, Germany.
- Cato**, M. A., Brewster, J., Ryan, T., & Guiliano, A. (1998, February). *Can college students convincingly simulate brain injury?* Poster session presented at the 26th annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.