

CURRICULUM VITAE

David Lee Nyenhuis, Ph.D., ABPP-Cn

**Director of Neuropsychology
Hauenstein Neuroscience Center
Saint Mary's Health Care
220 Cherry Street SE
Grand Rapids, Michigan 49503-4502**

Telephone: 616.685.5119 Fax: 616.685.8989

Email Address: nyenhuda@trinity-health.org

EDUCATION

1982 Calvin College, Grand Rapids, Michigan
B.A., Psychology (with honors), 1982

1988 Wayne State University, Detroit Michigan
M.A., Clinical Psychology
Ph.D., Clinical Psychology

Dissertation: "Differential Lateralized Processing of Visual Sine Wave Gratings in the Determination of Figure and Ground"
Dissertation Chair: R. Douglas Whitman, PhD

PREDOCTORAL INTERNSHIP

1987 - 1988 Boston Veteran's Affairs Medical Center (APA Accredited)
Specialty Area: Clinical Neuropsychology
Primary Supervisor: Roberta White, PhD, ABPP/ABCN
Secondary Supervisor: Edith Kaplan, PhD, ABPP/ABCN

POSTGRADUATE TRAINING

1988 - 1989 Boston University, Department of Neurology
Postdoctoral Fellowship, Neuropsychology
Primary Supervisors: Roberta White, PhD, ABPP/ABCN; Mark Moss, PhD

ACADEMIC APPOINTMENTS

1989 - 2003 Assistant Professor
Department of Psychology and Department of Neurological Sciences
Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois

- 2003 - 2004 Associate Professor
Department of Psychology and Department of Neurological Sciences
Rush University Medical Center, Chicago, Illinois
- 2004 – 2012 Associate Professor
Director of Clinical Research
Department of Neurology and Rehabilitation
College of Medicine
University of Illinois at Chicago
- 2007 – 2012 Associate Professor
Department of Psychiatry
College of Medicine
University of Illinois at Chicago
- 2012 - Associate Professor
Department of Translational Science and Molecular Medicine
College of Human Medicine
Michigan State University

CLINICAL APPOINTMENTS

- 1989 - 2003 Assistant Scientist
Adjunct Medical Staff
Rush-Presbyterian-St. Luke's Medical Center
- 1999 - 2003 Co-Director (with Christopher Grote, PhD), Neuropsychology Service
Psychology Department
Rush-Presbyterian-St. Luke's Medical Center
- 2003 Associate Scientist
Adjunct Medical Staff
Rush University Medical Center
- 2004 – 2012 Adjunct Medical Staff
Director of Neuropsychology
Department of Neurology and Rehabilitation
College of Medicine
University of Illinois at Chicago
- 2012 – Director of Neuropsychology
Hauenstein Neuroscience Center
Saint Mary's Health Center

SCIENTIFIC AND SCHOLARLY ACTIVITIES

- 1996 - Work Sample Reviewer, American Board of Clinical Neuropsychology
- 1997 Ad Hoc Study Section Reviewer, Epidemiology and Disease Control - 2, Center For Scientific Review, National Institutes of Health
- 1997 - 2001 Editorial Board, *Neuroepidemiology*
- 1997 - Invited Manuscript reviewer:
Aging, Neuropsychology and Cognition
American Journal of Nephrology
Annals of Neurology
Archives of Neurology
The Clinical Neuropsychologist
European Journal of Neurology
Journal of Experimental and Clinical Neuropsychology
Journal of Heart and Lung Transplantation
Journal of the American Geriatric Society
Journal of the International Neuropsychological Society
Journal of Stroke and Cardiovascular Disease
The Lancet Neurology
Movement Disorders
Neuroepidemiology
Neurology
Neuropsychology
Stroke
- 1998 – 2008 Grant Reviewer, Alzheimer’s Disease Association
- 1999 - 2001 Study Section Reviewer, Small Business Innovation Research (SBIR), Center For Scientific Review, National Institutes of Health
- 2003 – United Parkinson’s Disease Rating Scale (UPDRS) Revision Task Force Member:
Clinimetric Testing Subcommittee
- 2004 Internal Reviewer, Vascular Health and Dementia Study Section, Heart and Stroke Foundation of Canada
- 2004 Associate Editor, *Journal of Mental Health and Aging*
- 2005 Neuropsychology Co-Chair (with Sandra Black, MD), NIH/NINDS/CSN-Sponsored Vascular Cognitive Impairment (VCI) Harmonization Criteria Workshop, Washington DC, April 24 – 26, 2005.

- 2005 Study Section Reviewer, NIH/NINDS Special Emphasis Panel (ZNS1 SRB P 33): Domain Specific Tasks of Executive Function.
- 2006 Member, NIA Special Emphasis Panel (ZAG1 ZIJ-8 (J4)): ASPIrin Trial
- 2006 - 2011 Member, Vascular Cognitive Impairment Working Group, NINDS Stroke Progress Review Group (SPRG)
- 2006 - 2009 Program Committee Member, Category Chair: Vascular Cognitive Impairment, International Stroke Conference, American Heart Association
- 2006 - 2009 Ad-hoc Study Section Reviewer, NIH/NIA Clinical Aging Review Committee
- 2007 Site Reviewer, NIH/NINDS (ZNS1 SRB-K [49]): Racial Differences in Stroke Project
- 2007 Study Section Reviewer, NIH/NHLBI Special Emphasis Panel (ZHL1 CSR-A M1 1): Research Project in Cardiothoracic Surgery
- 2007 - Scientific Committee, Congresses of the International Society for Vascular Behavioural and Cognitive Disorders (Vas-Cog), San Antonio, Texas (2007); Singapore (2009); Lille, France (2011); Toronto (2013)
- 2012 Director, ACCME Accredited Thorek Hospital Continuing Medical Education (CME) program
- 2015 External Reviewer: Canadian Mood, Cognition and Fatigue Standard Best Practices Mod

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- Member, International Neuropsychological Society
Member, Midwest Neuropsychology Group
Founding Member, The International Society for Vascular Behavioral and Cognitive Disorders (VasCog)

TEACHING, MENTORING AND SUPERVISING

- 1989 to 2003 Neuropsychology intern supervisor, APA accredited clinical psychology internship, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois

Listing of Predoctoral Interns by Year and Current Employer

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|------------------------------------|--------------------|
| 1989 Richard Whitten, PhD, ABPP-Cn | Private Practice |
| 1989 Theresa Elliott, PhD | Pacific University |
| 1990 Scot Purdon, PhD | Alberta Hospital |

1990 Daryl Millman, PhD	Private Practice
1991 Cynthia Kubu, PhD, ABPP-Cn	Cleveland Clinic
1991 Rebecca Goodman, PhD	Private Practice
1992 Tammy Scot, PhD	New England Medical Center
1992 Jeremy Alden, PhD	St. Paul Children's Hospital
1993 Eric Larson, PhD, ABPP-Cn	Rehabilitation Institute of Chicago
1993 Linda Bernardin, PhD	Agnesian Health Clinic
1994 Kim Wands, PhD	Lincoln Psychiatric Center
1994 Kari Lindeman, PhD	Private Practice
1995 Brian Betz, PhD	University Southern Cal. Med
1995 Davida Zelinski, PhD	University of Minnesota Med
1996 Daniel Slick, PhD	Private Practice
1996 Martha Glisky, PhD	Private Practice
1997 Evan Drake, PhD	Mt. Carmel Behavioral Health
1997 Derek Campbell, PhD	Iowa Methodist Med Center
1998 Clifford Smith, PhD	Oscar G. Johnson VA Medical Center
1998 Michelle Mattingly, PhD	University of Kentucky Med
1999 Mark Mapstone, PhD	University of Rochester Med
1999 Amity Ruth, PhD	Loyola University Med Center
2000 Rebecca Bone, PhD	Rush University Medical Center
2000 Kristine Lokken, PhD	University of Alabama Psychol
2001 Sare Akdag, MA	Boston Children's Hosp
2001 Beth Keys, PhD	Mayo Clinic, Rochester
2002 Mia Weber, PhD	University of Rochester
2002 Allison Keuning, PhD	Bethel College
2003 Nathaniel Nelson, PhD	University of Minnesota
2003 Thomas Parsons, PhD	Univ North Carolina, Chapel Hill

1997 to 2004 Undergraduate externship supervisor

Listing of Mentored Undergraduates by Year and Subsequent Graduate Program

1997 Monica Lewis	PhD, Clinical Psychology, Univ of Georgia
1998 Christina Wierenga	PhD, Clinical Psychology, Univ of Florida
1999 Elizabeth Scherpenisse	PhD, Clinical Psychology, Univ of Tennessee
2000 Cory Hugen	MD, Loyola University
2001 Carissa Hockema	PhD, Nutrition, University of Washington
2002 Shira Kurtz	PhD, Clin Psych, Fairleigh Dickinson Univ
2002 Emily Geenen	PhD, Clinical Psychology, Wayne State Univ
2003 Julie Stortenboom	PhD, Clinical Psychology, Wayne State Univ

2003 Chairman, Thesis Committee: Eugenia Gencheva, MD
"Risk Markers for Vascular Cognitive Impairment After Stroke"
Masters of Science in Clinical Research; The Graduate College, Rush University

- 2004 – 2009 Post-doctoral Fellowship Supervisor, University of Illinois at Chicago
- 2004 – 2008 John Williamson, PhD
2007 – 2009 Elizabeth Geary, PhD
- 2007 – 2012 Primary supervisor (with Neil Pliskin, PhD, ABPP/ABCN, Director) of graduate student Externs, APA-approved Clinical Interns, and post-doctoral fellows. Department of Psychiatry, University of Illinois, Chicago
- 2010 – Dissertation director: Jennifer Marola (IIT); Michael Vernale (IIT); Maia Feigon (IIT)

Courses Taught or Directed

- 1990 to 1997 Observation and Communication, Rush Medical College
1992 to 1993 Neurobehavior Disorders, Rush Medical College
1994 Assessment and Treatment of Traumatic Brain Injury, Rush Medical College
(Co-directed with Christopher Grote, PhD)
1995 to 1996 Ethics and Law in Clinical Medicine, Rush Medical College
1997 to 2003 Interview and Communication, Rush Medical College
1997 to 2003 Generalist preceptor program, Rush Medical College
2002 to 2003 Shared Medical Decision Making, Rush Medical College
2003 Course Director, Human Behavior in the Life Cycle, Rush Medical College

Lectures

- “Clinical Neuropsychology”. Neurology Clerkship Lecture, Rush Medical College
"Human Development I: Infancy and Childhood". Rush Medical College
"Human Development II: Adolescence/Moral Development". Rush Medical College
"Focal Neurobehavioral Deficits". Rush Medical College
"Psychological Assessment I: Introduction and Personality Assessment". Rush Medical College
"Psychological Assessment II: Intelligence and Neuropsychology". Rush Medical College
"The Neuropsychology of Language". Rush Medical College
"The Mental Status Examination". Rush Medical College
“Intelligence”. Rush Medical College
“Introduction to Dementia”. Rush Medical College
“Differential Diagnoses in Dementia”. University of Illinois at Chicago Medical School
“Memory Disorders and Dementia”. University of Illinois at Chicago Medical School
“Differential Diagnoses: Dementia and Mild Cognitive Impairment”. UIC Medical School
“Neuropsychological Tests: What Do They Mean?” UIC Medical School
“Functional Neuroanatomical Lessons from Stroke”. UIC Medical School
“Epidemiology of Dementia and Cognitive Decline”. UIC Medical School

“Dementia and Age-related Cognitive Impairment”. UIC Graduate Neuroscience Program

CERTIFICATION AND LICENSURE

Licensed Clinical Psychologist, Illinois License Number 071-004082
Michigan License Number 6301015194

Diplomate, Clinical Neuropsychology
American Board of Professional Psychology (ABPP)
American Board of Clinical Neuropsychology (ABCN)

COMMITTEE AND ADMINISTRATIVE SERVICES

1990 - 1991, 1992 - 1993, 1994 - 1996, 1997 - 1998, 2000 - 2002	Advisory Committee, Psychology Department, Rush Medical College. <u>Chair, 1995 - 1996</u>
1990 - 1995	Medical Staff Senate, Rush-Presbyterian-St. Luke's Medical Center
1993 - 1995	Committee on Student Affairs, Rush Medical College
1993 - 1997, 1998 - 2003	Curriculum Committee, Psychology Department, Rush Medical College
1995 - 2000	Institutional Research Board (IRB), Rush-Presbyterian-St. Luke's Medical Center. <u>Chair, IRB #1, 2000</u>
1996 - 2000	Committee on Student Appraisal and Promotion (COSEP), Rush Medical College. <u>Chair, 1998 - 2000</u>
2000 - 2003	Research Committee, Psychology Department, Rush Medical College
2001 - 2003	Faculty Council, Rush Medical College
2001 - 2002	Pediatrics Chair Search Committee, Rush Medical College
2002 - 2010	Disabilities Assessment Team, Rush Medical College
2003	Medical College Dean Search Committee, Rush Medical College
2004 - 2012	<u>Chair</u> , Research Committee, Department of Neurology and Rehabilitation, University of Illinois at Chicago Medical College
2004 - 2012	Promotions and Tenure Committee, Department of Neurology and

	Rehabilitation, University of Illinois at Chicago Medical College
2008 – 2012	Member, Committee for Patient and Professional Advocacy, UIC College of Medicine
2009 – 2012	Education Committee, Department of Neurology and Rehabilitation, University of Illinois at Chicago
2012 -	Clinical Trial Research Committee Hauenstein Neuroscience Center

GRANT AND CONTRACT SUPPORT

1. Principal Investigator: "The Standardization and Continued Validation of the Multiscale Depression Inventory", January 1994 - July 1995; Rush-Presbyterian-St. Luke's Medical Center, University Committee on Research (UCR) Grant.
2. Principal Investigator: "The Use of the Multiscale Depression Inventory with Cancer Patients", October 1994 - September 1995; American Cancer Society New Investigators Grant.
3. Co-Investigator (PI: Philip Gorelick, MD): "Studies of Dementia in Black Aged", November 1995 - June 1999; NIA R01 AG10102.
4. Site Neuropsychology Director (PI: Daniel Ganger, MD): "A Randomized, Double-Blind, Multicenter Comparison of the Safety and Effects of Three Dose Levels of VPA-985 and Placebo in the Treatment of Patients with Hyponatremia"; January 1998 - January 1999, Wyeth-Ayerst Research.
5. Site Principal Investigator: "A 24 Week, Multicenter, Randomized, Double-Blind, Placebo-Controlled Evaluation of the Efficacy and Safety of Donepezil Hydrochloride (E2020) in Patients with Dementia Associated with Cerebrovascular Disease"; January 1998 - January 1999, Eisai, Inc.
6. Independent Neuropsychological Review Committee for the Veterans Affairs Cooperative Study, "Evaluation of a Computer-Assisted Neuropsychological Screening Battery"; January 1998 - December 1999.
7. Principal Investigator: "Neuroimaging Markers of Post Stroke Cognitive Impairment"; July 1999 - June 2000. Rush Alzheimer's Disease Center Pilot Grant, National Institute on Aging.
8. Co-Investigator (Principal Investigator as of May 2004): "Risk Markers For Dementia After Stroke"; May 2000 - April 2005. National Institute on Aging.
9. Site Principal Investigator (PI: Lindsay Farrer, PhD, Boston University): "Genetic Epidemiological Studies of Alzheimer's Disease". National Institute on Aging. September 2002 – June 2004.
10. Site Neuropsychologist (Site PI: Sean Ruland, DO): "Safety and Efficacy of Cortical Stimulation in Patients with Hemiparetic Strokes. July 2003 - June 2004.

11. Site Neuropsychologist (Site PI: Sean Ruland, DO): “Everest V0267: Safety and Efficacy of Cortical Stimulation in the Treatment of Upper Extremity Hemiparesis. December 2005 – July 2007.
12. Sponsor (PI: John Williamson, PhD): “White Matter Integrity and Autonomic Stress Response”. F32 AG27648 NIH/NIA. July 2006 – June 2008.
13. Principal Investigator. “Validation of the NINDS VCI Neuropsychology Protocols”. R01 NS057514-01, NIH/NIA, July 2007 – June 2010; Budget: \$1.75 million.
14. Co-Investigator (PI: Vincent Mok, MD; Chinese University of Hong Kong). “Clinical utility of Chinese version of the Montreal Cognitive Assessment (CMOCA) and Vascular Cognitive Assessment (VCA) among Chinese patients with Vascular Cognitive Impairment.” March 2007 – February 2008.
15. Co-Investigator (PI: Deborah Little, PhD). “Anatomical Correlates of Executive Function Decline in Aging.” R21 AG028662 NIH/NIA .
16. Consultant (PI: Donald Bowdon, PhD). “Diabetes Health Study (DHS): MIND Study.” R01 NS058700 NIH/NINDS, 2007-2012.
17. Co-Investigator (PI: M. Lazorov, PhD). Comparative Effectiveness of Brain Imaging and Blood Biomarkers in Alzheimer's Disease, 1RC1AG036208-0110 NIH/NIA, 2009-2011.

PUBLICATIONS

a. Articles published, in press or submitted for publication in peer-reviewed journals

1. Rybarczyk BD, **Nyenhuis DL**, Nicholas JJ, Schultz R, Alioto RJ, Blair C. Social discomfort and depression in a sample of adults with leg amputations. *Arch Phys Med Rehab* 1992;73:1169-1173.
2. **Nyenhuis DL**, Rao SM, Zajecka JM, Luchetta T, Bernardin L, Garron DC. Mood disturbance versus other symptoms of depression in multiple sclerosis. *J Int Neuropsychol Soc* 1995;1:291-296.
3. Rybarczyk BD, **Nyenhuis DL**, Nicholas JJ, Cash CM, Kaiser J. Body image, perceived social stigma, and the prediction of psychological adjustment to leg amputation. *Rehab Psychol* 1995;40:95-110.
4. Gorelick PB, **Nyenhuis DL**, Garron DC, Cochran E. Is vascular dementia really Alzheimer's disease or mixed dementia? *Neuroepidemiology* 1996;15:286-290.
5. **Nyenhuis DL**, Garron DC. Psychometric issues when measuring decline in Alzheimer's disease. *Neuroepidemiology* 1997;16:185-190.
6. **Nyenhuis DL**, Stern RA, Yamamoto C, Terrien A, Parmentier A, Luchetta T, Arruda JE. Standardization and validation of the Visual Analog Mood Scales. *Clin Neuropsychol* 1997;11:407-415.
7. Rybarczyk B, Nicholas JJ, **Nyenhuis DL**. Coping with leg amputation: integrating research and clinical practice. *Rehab Psychol* 1997;42:241-256.
8. **Nyenhuis DL**, Luchetta T, Yamamoto C, Terrien A, Bernardin L, Rao SM, Garron DC. The development, standardization and initial validation of the Chicago Multiscale Depression Inventory. *J Pers Assess* 1998;70:386-401.

9. **Nyenhuis DL**, Gorelick PB. A contemporary review of the epidemiology, diagnosis, prevention and treatment of vascular dementia. *J American Ger Soc* 1998;46:1437-1448.
10. **Nyenhuis DL**, Luchetta T, Yamamoto C, Terrien A, Parmentier A. Adult and geriatric normative data for the Profile of Mood States. *J Clin Psychol* 1999;55:79-86.
11. Grote C, Kooker E, Garron D, **Nyenhuis DL**, Smith C, Mattingly M. Performance of compensation seeking and non-compensation seeking samples on the Victoria Symptom Validity Test: Cross-validation and extension of a standardization study. *J Clin Exp Neuropsychol* 2000;22:709-719.
12. **Nyenhuis DL**, Gorelick PB, Freels S, Garron DC. Cognitive and functional decline in African Americans diagnosed with AD, VaD and stroke without dementia. *Neurology* 2002;58:56-61.
13. Behel J, Rybarczyk B, Elliott T, Nicholas J, **Nyenhuis DL**. The role of perceived vulnerability in adjustment to lower extremity amputation: a preliminary investigation. *Rehab Psychol* 2002;47:92-105.
14. Freels S, **Nyenhuis DL**, Gorelick PB. Predictors of survival in African American patients with AD, VaD, or stroke without dementia. *Neurology* 2002;59:1146-1153.
15. Chang C-H, **Nyenhuis DL**, Cella D, Luchetta T, Dineen K, Reder AT. Psychometric evaluation of the Chicago Multiscale Depression Inventory (CMDI) in multiple sclerosis patients. *Multiple Sclerosis* 2003;9:160-170.
16. **Nyenhuis DL**, Gorelick PB, Harris Y, Richardson D, Raman R, Garron DC, Levy P. The black Seventh-day Adventist exploratory health study. *Ethnicity & Disease* 2003;13:208-212.
17. **Nyenhuis DL**, Gorelick PB, Geenen E, E Gencheva, L deToledo-Morrell. The Pattern of Neuropsychological Deficits in Vascular Cognitive Impairment, No Dementia (Vascular CIND). *Clin Neuropsychologist* 2004;18:41-49.
18. **Nyenhuis DL**. Vascular cognitive impairment: a common sequelae of stroke and its prevention. In: Gorelick PB (ed.): *Stroke Prevention*. American Academy of Neurology Continuum 2005;11:137-153.
19. Pytel P, Cochran EJ, Bonner G, **Nyenhuis DL**, Thomas C, Gorelick PB. Vascular and Alzheimer type pathology in an autopsy study of African-Americans. *Neurology* 2006;66:433-435.
20. Pedelty L, **Nyenhuis DL**. Vascular cognitive impairment. *Curr Treat Options Cardiovasc Med* 2006;8:243-250.
21. Hachinski V, Iadecola C, Petersen RC, Breteler MM, **Nyenhuis DL**, Black SE, Powers WJ, Decarli C, Merino JG, Kalara RN, Vinters HV, Holtzman DM, Rosenberg GA, Dichgans M, Marler JR, Leblanc GG. National Institute of Neurological Disorders and Stroke-Canadian Stroke Network Vascular Cognitive Impairment Harmonization Standards. *Stroke* 2006;37:2220-2241.
22. Wang C, Stebbins GT, **Nyenhuis DL**, deToledo-Morrell L, Freels S, Gencheva E, Sripathirathan K, Moseley ME, Turner DA, Gabrieli JDE, Gorelick PB. Improvement in white matter integrity following stroke relates to cognitive function. *Neurobiol Aging* 2006;27:1827-1833.
23. Goetz CG, Fahn S, Martinez-Martin P, Poewe W, Sampaio C, Stebbins GT, Stern MB, Tilley BC, Dodel R, Dubois B, Holloway R, Jankovic J, Kulisevsky J, Lang AE, Lees A, Leurgans S, LeWitt PA, **Nyenhuis D**, Olanow CW, Rascol O, Schrag A, Teresi JA, van Hilten B. Movement Disorder Society-sponsored revision of the Unified Parkinson's Disease Rating Scale (MDS-UPDRS): process, format and clinimetric testing

plan. *Mov Disord* 2007;22:41-47.

24. **Nyenhuis DL**, Gorelick PB. Diagnosis and management of Vascular Cognitive Impairment. *Current Atherosclerosis Reports* 2007;9:326-332.
25. Stebbins GT, **Nyenhuis DL**, Wang C, Freels S, deToledo-Morrell L, Bangen KJ, Sripathirathan K, Moseley M, Turner DA, Gabrieli JDE, Gorelick PB. Gray matter atrophy in ischemic stroke patients with vascular cognitive impairment-no dementia. *Stroke* 2008;39:785-793.
26. Lindsay P, Bayley M, Hellings C, Hill M, Woodbury E, Phillips S; (Canadian Stroke Strategy Best Practices and Standards Writing Group [including **Nyenhuis DL**] on behalf of the Canadian Stroke Strategy, a joint initiative of the Canadian Stroke Network and the Heart and Stroke Foundation of Canada*). Canadian best practice recommendations for stroke care (updated 2008). *CMAJ* 2008;179:S1-S25.
27. Goetz CG, Tilley BC, Shaftman SR, Stebbins GT, Fahn S, Martinez-Martin P, Poewe W, Sampaio C, Stern MB, Dodel R, Dubois B, Holloway R, Jankovic J, Kulisevsky J, Lang AE, Lees A, Leurgans S, LeWitt PA, **Nyenhuis D**, Olanow CW, Rascol O, Schrag A, Teresi JA, van Hilten JJ, LaPelle N; Movement Disorder Society UPDRS Revision Task Force. Movement Disorder Society-sponsored revision of the Unified Parkinson's Disease Rating Scale (MDS-UPDRS): scale presentation and clinimetric testing results. *Mov Disord* 2008;23:2129-2170.
28. Williamson JB, **Nyenhuis DL**, Pedelty L, Byrd S, Jhaveri M, Wang C, deToledo-Morrell L, Sripathirathan K, Gorelick P. Baseline differences between vascular cognitive impairment no dementia reverts and nonverters. *J Neurol Neurosurg Psychiatry* 2008;79:1208-1214.
29. Williamson J, **Nyenhuis D**, Stebbins GT, Lamb D, Simkus V, Sripathirathan K, Wang C, de Toledo-Morrell L, Gorelick P. Regional differences in relationships between apparent white matter integrity, cognition and mood in patients with ischemic stroke. *J Clin Exp Neuropsychol* 2010;32:673-681.
30. Gorelick PB, Scuteri A, Black SE, Decarli C, Greenberg SM, Iadecola C, Launer LJ, Laurent S, Lopez OL, **Nyenhuis D**, Petersen RC, Schneider JA, Tzourio C, Arnett DK, Bennett DA, Chui HC, Higashida RT, Lindquist R, Nilsson PM, Roman GC, Sellke FW, Seshadri S; on behalf of the American Heart Association Stroke Council, Council on Epidemiology and Prevention, Council on Cardiovascular Nursing, Council on Cardiovascular Radiology and Intervention, and Council on Cardiovascular Surgery and Anesthesia. Vascular contributions to cognitive impairment and dementia: A statement for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke* 2011;42:2672-2713.
31. Williamson J, Heilman KM, **Nyenhuis DL**, Porges S. The effects of cerebral white matter changes on cardiovascular responses to cognitive and physical activity in a stroke population. *Psychophysiology* 2012; 49:1618-1628.
32. Gorelick PB, **Nyenhuis D**; American Society of Hypertension Writing Group, Materson BJ, Calhoun DA, Elliott WJ, Phillips RA, Taler SJ, Townsend RR. Blood pressure and treatment of persons with hypertension as it relates to cognitive outcomes including executive function. *J Am Soc Hypertens.* 2012;6:309-315.
33. Wong A, Xiong YY, Wang D, Lin S, Chu WW, Kwan PW, **Nyenhuis D**, Black SE, Wong KS, Mok V. The NINDS-Canadian stroke network vascular cognitive impairment neuropsychology protocols in Chinese. *J Neurol Neurosurg Psychiatry* 2013;84:499-504.
34. Gorelick PB, **Nyenhuis D**. Understanding and treating vascular cognitive impairment. *Continuum*

2013;19:425-437.

b. Book Chapters

1. White RF, **Nyenhuis DL**, Sax DS. (1992). Neuropsychology of multiple sclerosis. In RF White (Ed.) *Clinical Syndromes in Adult Neuropsychology: The Practitioner's Handbook*. Amsterdam, Elsevier.
2. Geary EK, **Nyenhuis DL**. Cerebral small vessel disease, hypertension and cognitive function. In V Aiyagari and PB Gorelick (eds.), *Hypertension and stroke: pathophysiology and management*. New York: Humana Press, 2011.
3. **Nyenhuis DL**, Black SE. Cognitive and behavioral assessment of vascular cognitive impairment. In O. Godeffroy (ed.), *The Behavioral and Cognitive Neurology of Stroke*. London: Cambridge University Press, 2013.
4. **Nyenhuis DL**. Cerebrovascular disease. In T. Hammeke and M. Parsons (eds.). *Clinical Neuropsychology: A Pocket Handbook for Assessment (2nd edition)*. Washington DC: American Psychological Association. 2014.
5. **Nyenhuis DL**, Stebbins GT. Nonconventional MR Techniques for imaging cerebral small vessel disease. In L. Pantoni and PB Gorelick (eds.) *Cerebral Small Vessel Disease*. London: Cambridge University Press, 2014.
6. **Nyenhuis DL**. Vascular Cognitive Impairment. In B. Mast and P. Lichtenberg (eds.). *Handbook of Clinical Geropsychology*. Washington DC: American Psychological Association, 2015

c. Published Abstracts

1. **Nyenhuis DL**, Whitman RD. Differential lateralized processing of visual sine wave gratings in the determination of figure and ground. *J Clin Exp Neuropsychol* 1990;12:41.
2. **Nyenhuis DL**, Rao SM, Zajecka JM, Garron DC. The development and initial validation of the Multiscale Depression Inventory for use with multiple sclerosis patients. *J Clin Exp Neuropsychol* 1993;15:103.
3. **Nyenhuis DL**, Luchetta T, Yamamoto C, Terrien A, Garron DC. The standardization and continued validation of the Multiscale Depression Inventory. *J Int Neuropsychol Soc* 1996;2:27.
4. Luchetta T, **Nyenhuis DL**, Terrien A, Yamamoto C. Cross-validation of the Multiscale Depression Inventory using confirmatory factor analysis. *J Int Neuropsychol Soc* 1996;2:4.
5. **Nyenhuis DL**, Stern RA, Yamamoto C, Terrien A, Parmentier A, Luchetta T, Arruda JE. A standardization, further validation and principal component analysis of the Visual Analogue Mood Scales. *J Int Neuropsychol Soc* 1996;2:4.

6. **Nyenhuis DL**, Gorelick PB, Freels S, Garron DC. Relatively poor memory is associated with progressive cognitive decline in patients with cerebrovascular disease. *J Int Neuropsychol Soc* 1997;3:66.
7. **Nyenhuis DL**, Bernard BA, Gorelick PB, Freels S, Garron DC. Baseline behavioral symptoms as predictors of cognitive and functional decline in African-Americans with vascular or Alzheimer's dementia. *J Neuropsychiatry and Clin Neurosciences* 1997;9:695.
8. Slick DJ, **Nyenhuis DL**, Cella D, Chang C. Patterns of depressive symptoms in multiple sclerosis: relationships to MS type and severity of physical disability. *J Int Neuropsychol Soc* 1998;4:17.
9. Slick DJ, **Nyenhuis DL**, Cella D, Chang C. Cross-validation of the Chicago Multiscale Depression Inventory for evaluation of depressive symptoms in persons diagnosed with multiple sclerosis. *J Int Neuropsychol Soc* 1998;4:17.
10. **Nyenhuis DL**, Gorelick PB, Freels S, Garron DC. Cognitive and functional decline in African-Americans diagnosed with vascular dementia or stroke without dementia. *J Int Neuropsychol Soc* 1998;4:59.
11. Grote C, **Nyenhuis DL**, Bergen D, Buelow J, Gil-Nagel A, Kanner A & Smith M. Prevalence of and risk factors for depression in epilepsy. *J Int Neuropsychol Soc* 1998;4:18.
12. Cochran E, Thomas C, Bonner G, Bengana K, Thomas K, **Nyenhuis D**, Gorelick P. Neuropathological Examination of African American (AA) subjects of an epidemiological study of Alzheimer's disease (AD) and vascular dementia (VaD). *J Neuropath Exp Neurol* 1999;58:533.
13. Grote C, Kooker E, Garron D, **Nyenhuis DL**, Smith C, Mattingly M. Relationship of a malingering measure to estimated and achieved IQ. *Clin Neuropsychol* 2000;14:242.
14. Grote C, Kooker E, Garron D, **Nyenhuis DL**, Smith C, Mattingly M. Cross-validation of and alternative cut scores for the Victoria Symptom Validity Test. *J Int Neuropsychol Soc* 2001;7:146.
15. **Nyenhuis DL**, Gorelick PB, Freels A, Garron DC. Cognitive and functional decline in African-Americans with AD, VaD or stroke without dementia. *J Int Neuropsychol Soc* 2001;7:184.
16. **Nyenhuis DL**, Freels S, deToledo-Morrell L, Gencheva E, Gorelick P. The pattern of neuropsychological impairment in post stroke patients with vascular cognitive impairment or no cognitive impairment. Program No. 777.10. 2002 Abstract Viewer/Itinerary Planner. Washington, DC: Society for Neuroscience, 2002. Online.
17. **Nyenhuis DL**, Boyle PA, Garrett KD, Kramer JH, Stebbins GT, Malloy PF. Imaging and neuropsychological function in vascular cognitive impairment. *J Int Neuropsychol Soc* 2003;9:236.
18. **Nyenhuis DL**, Stebbins G, Urresta F, Freels S, deToledo-Morrell L, Gencheva E, Moseley ME, Gorelick PB. Neuropsychological deficits and white matter integrity in post-stroke VCIND. *J Int Neuropsychol Soc* 2003;9:236-237.
19. Stebbins G, **Nyenhuis DL**, Urresta F, Freels S, deToledo-Morrell L, Gencheva E, Moseley ME, Turner DA, Gabrieli JDE, Gorelick PB. White matter integrity in ischemic stroke: a DTI study with behavior correlates. *J Int Neuropsychol Soc* 2003;9:237.
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28. **Nyenhuis DL**, Pratt RD, Perdomo CA. Donepezil provides significant benefits in patients with vascular dementia. *J Neurol Sci* 2004;226:159.
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31. Wang C, Sripathirathan K, **Nyenhuis DL**, Freels S, Gencheva E, Turner DA, Gorelick PB, deToledo-Morrell L. The relation of MRI-derived normalized whole brain volume and cerebrovascular disease markers with cognitive function in ischemic stroke patients. Program No. 682.3 2004 Abstract Viewer/Itinerary Planner. Washington DC: Society for Neuroscience, 2004. Online.
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- disinhibition: posterior fossa contributions to quantifiable behavioral change. *J Int Neuropsychol Soc* 2005;11 S1:124.
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37. Goetz CG, Fahn S, Martinez-Martin P, Poewe W...**Nyenhuis DL**....New version of the UPDRS: development methods and working document for field testing. *Neurology* 2005;64:A394.
38. Stebbins GT, **Nyenhuis DL**, Wang C, Freels S, deToledo-Morrell L, Johnson J, Sripathirathan K, Gabrieli JDE, Gorelick PB. Gray matter atrophy in ischemic stroke patients with vascular cognitive impairment – no dementia. *Neurology* 2005;64:A397.
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41. Pedelty L, Williamson J, **Nyenhuis DL**, Byrd SE, Jhaveri M, Sripathirathan K, Wang Changsheng, deToledo-Morrell L, Gorelick PB. MRI Correlates of back-conversion in post-stroke Vascular CIND. *Neurology* 2006;66:A104.
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44. Williamson JB, Pedelty L, **Nyenhuis DL**, Gorelick PB. Baseline demographic and cognitive differences between reverters and nonreverters with vascular cognitive impairment no dementia. *Journal of the International Neuropsychological Society* 2006;12 S1:142.
45. Williamson JB, **Nyenhuis DL**, Pedelty L, Byrd S, Jhaveri M, Gorelick PB. White matter hyperintensities in Vascular CIND reverters and nonreverters: a region of interest analysis. *Journal of the International Neuropsychological Society* 2006;12 S1:143.
46. Sisco S, **Nyenhuis DL** (February 2006). Stability of Proxy Ratings on the Frontal Systems Behavior Scale.

Journal of the International Neuropsychological Society 2006;12 S1:30.

47. Little DM, Susmaras T, Maki P, **Nyenhuis, D**, Zhou XJ, Kraus MF. White matter integrity as a predictor of age-related declines in working memory. *Neuroimage* 2007;36(S1):S96.
48. Little DM, Kraus MF, Susmaras T, Maki P, **Nyenhuis D**, Zhou XJ. High resolution diffusion tensor imaging for visualization of short-range fiber tracts. *Neuroimage* 2007;36(S1):S101.
49. Wang C, Stoub T, Sripathirathan K, Stebbins G, **Nyenhuis D**, Gorelick P, Bennett D, deToledo-Morrell L. In contrast to mild cognitive impairment, vascular cognitive impairment is not associated with parahippocampal white matter volume loss. Program No 889.21. 2007 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2007.
50. Ganda A, **Nyenhuis D**, Rizkalla M, Gao F, Gibson E, Graham S, Honjo K, Lobaugh NJ, Marola J, Pedelty L, Rangwala N, Scott CJ, Stebbins GT, Stuss DT, Zhou XJ, Black SE. Sensitivity and specificity of four neuropsychological screening measures in an ischemic stroke sample. *Stroke* 2011;42:113.
51. Honjo K, Scott CJ, **Nyenhuis DL**, Gao F, Zhou XJ, Graham SJ, Rangwala N, Stebbins GT, Gibson E, Ganda A, Lobaugh NJ, Marola J, Stuss DT, Black SE. Thalamic volume is related to side of stroke, stroke volume and post-stroke cognitive impairment. *Stroke* 2011;42:161.
52. Lobaugh NJ, Marola J, Pedelty L, Rangwala N, Scott, CJ, Stebbins GT, Stuss DT, Zhou XJ, **Nyenhuis, D**. Validation of the NINDS-CSN harmonization VCI neuropsychological protocols in an ischemic stroke sample. *Stroke* 2011;42:96.

d. Regional and National Conference Presentations (not including above listed abstracts)

1. **Nyenhuis DL**, Rybarczyk BD, Nicholas JJ, Schulz R, Alioto RJ (August 1991). Sensitivity to stigma as a predictor of depression following leg amputation. Presented at the meeting of the American Psychological Association, San Francisco, CA.
2. **Nyenhuis DL** Rao SM, Zajacka JM, Garron DC (May 1993). Depression in multiple sclerosis: where is the mood disturbance? Presented at the annual Midwestern Neuropsychology Group conference, Chicago, IL.
3. **Nyenhuis DL**, Rao SM, Luchetta T, Bernardin L, Rayman L (February 1994). A comparison of patient and spouse report of multiple sclerosis symptoms. Presented at the annual International Neuropsychological Society conference, Cincinnati, OH.
4. **Nyenhuis DL**, Luchetta T, Yamamoto C, Terrien A, Parmentier A. (May 1996). Adult and geriatric normative data for the Profile of Mood States. Presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
5. **Nyenhuis DL**, Dyonzak JB, Luchetta T, Yamamoto C, Terrien A. (May 1996). Vegetative versus non-vegetative depressive symptoms in patients with sleep disturbance. Presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
6. Dyonzak JV, **Nyenhuis DL**, Yamamoto C. (May 1996) Measuring depression in individuals with sleep disorders. Presented at the annual meeting of the Associated Professional Sleep Societies, Washington DC.
7. Grote C, **Nyenhuis DL**, Beulow J, Smith M, Kanner A, Gil-Nagel A, Bergen D. (May 1997). Prevalence of

and risk factors for depression in patients with epilepsy. Presented at the annual meeting of the Midwest Neuropsychology Group, Madison, WI.

8. Garron DC, **Nyenhuis DL**, Haut AE, Lopez M, Elpern E, Keston S, Fiducia D (May 1998). Psychological and pulmonary variables in lung transplant candidates. Presented at the annual meeting of the American Lung Association/American Thoracic Society, Chicago, IL.
9. Davies M, **Nyenhuis DL**, Luchetta T (May 1998). Depressive symptoms in cancer patients with and without acute pain and nausea. Presented at the annual meeting of the Midwest Psychological Association, Chicago, IL.
10. Peterman A, Mirsky J, **Nyenhuis D** (March 1999). Does cancer-related fatigue differ from fatigue in healthy people? Presented at the annual meeting of the American Psychosomatic Society, Vancouver, British Columbia.
11. Larson EB, **Nyenhuis DL** (May 1999). Assessment of depression in patients with traumatic brain injury. Presented at the annual meeting of the Midwest Neuropsychology Group, Chicago, IL.
12. Wierenga CE, Larson EB, **Nyenhuis DL** (May 1999). The reliability and validity of the Chicago Multiscale Depression Inventory (CMDI) in patients with traumatic brain injury. Presented at the annual meeting of the Midwest Psychological Association, Chicago, IL.
13. Scherpenisse E, **Nyenhuis DL**, Gorelick PB (May 2000). Learning and memory in African Americans with Alzheimer's disease or vascular dementia. Presented at the annual meeting of the Midwest Psychological Association, Chicago, IL.
14. **Nyenhuis DL**, Gorelick PB, Freels S, Gencheva E, deToledo-Morrell, L. A comparison of the pattern of neuropsychological deficits in post-stroke patients with vascular cognitive impairment or no cognitive impairment: preliminary data. Presented at the annual meeting of the Midwest Neuropsychology Group, Chicago, IL.
15. Kurtz SM, **Nyenhuis DL**, Gencheva E, Gorelick PB. (March 2003) The Chicago Multiscale Depression Inventory (CMDI) with Stroke Patients. Presented at the annual meeting of the Eastern Psychological Association, Baltimore, Maryland.
16. Tilley BC, Goetz CG, LaPelle N, Leurgans S, **Nyenhuis DL**, Stebbins GT, Teresi JA (March 2005). Clinimetric testing and validation program for the new MDS-sponsored version of UPDRS. Presented at the Movement Disorders Society International Congress of Parkinson's Disease and Movement Disorders, New Orleans, LA.
17. Williamson J, **Nyenhuis DL**, Stebbins G, Gencheva E, Gorelick PB (May, 2005). Relationships between apparent white matter integrity, autonomic nervous system function and behavioral change in post-ischemic stroke. Presented at the annual meeting of the Midwest Neuropsychology Group, Madison, WI.
18. Perschler PJ, Maki PM, Vassileva J, **Nyenhuis DL**, Zhou XJ, Little DM (April 2006). Age-related anatomical correlates of working memory performance. Presented at the annual Cognitive Aging Conference, Atlanta, GA.
19. Williamson J, Pedelty L, **Nyenhuis D**, Byrd S, Jhaveri M, Sripathirathan K, Wang C, deToledo-Morrell L, Gorelcik PB (May 2006). White matter hyperintensities in vascular CIND reverters and non-reverters: a region of interest fractional anisotropy analysis. Presented at the annual Midwest Neuropsychology Group

meeting, Chicago, IL

20. Williamson J, **Nyenhuis D**, Stebbins G, Gorelick PB (February 2007). Regional differences in apparent white matter integrity in cerebrovascular disease and sensitivity to cognitive performances and mood states. Presented at the annual meeting of the International Neuropsychological Society, Portland, Oregon.
21. **Nyenhuis DL** (July 2007). Cognitive endpoints for trials with small vessel disease samples. Presented at the Third Congress of the International Society for Vascular Cognitive and Behavioral Disorders (Vas-Cog), San Antonio, Texas.
22. **Nyenhuis DL**, Kang Y (July 2007). Cross-cultural neuropsychological test development: the Korean Harmonization Protocol. Presented at the Third Congress of the International Society for Vascular Cognitive and Behavioral Disorders (Vas-Cog), San Antonio, Texas.
23. **Nyenhuis DL**, Stebbins GT, Williamson J, Gorelick PB (July 2007). The Relationship of Whole Brain Diffusion Tensor Imaging Fractional Anisotropy Values to Cognitive Sub-domain Scores After Ischemic Stroke. Presented at the Third Congress of the International Society for Vascular Cognitive and Behavioral Disorders (Vas-Cog), San Antonio, Texas.
24. Williamson J, **Nyenhuis DL**, Stebbins GT, Gorelick PB (July 2007). Regional differences in apparent white matter integrity in cerebrovascular disease: sensitivity to cognitive performance and mood states. Presented at the Third Congress of the International Society for Vascular Cognitive and Behavioral Disorders (Vas-Cog), San Antonio, Texas.
25. Williamson JB, **Nyenhuis DL**, Stebbins GT, Gorelick PB (July 2007). Health factors contribute to preserved white matter integrity after stroke. Presented at the Third Congress of the International Society for Vascular Cognitive and Behavioral Disorders (Vas-Cog), San Antonio, Texas.
26. Susmaras T, **Nyenhuis DL**, Kraus MF, Little DM (April 2008). Anatomical correlates of neuropsychological decline in normal aging. Cognitive Aging Conference, Atlanta GA.
27. Williamson JB, **Nyenhuis DL**, Lewis G, Stebbins GT, Murphy C, Harden E, Handleman M, Gorelick PB, Porges SW (February 2009). Hemispheric white matter integrity predicts shift to peripheral regulation of the autonomic nervous system in a stroke population. Presented at the annual meeting of the International Neuropsychological Society (INS), Atlanta GA.
28. **Nyenhuis DL** (February 2009). Vascular and Lifestyle Risk Factors in the Pre-Dementia Syndrome. Presented at the Annual International Stroke Conference, San Diego.
29. **Nyenhuis D**, Gao FQ, Marola J, Scott CJM, Honjo K, Rangwala N, Pedelty L, Lobaugh NJ, Graham S, Gibson E, Ganda A, Zhou XJ, Stebbins GT, Stuss DT, Black SE (February 2012). The Validity of the NINDS-CSN VCI Neuropsychological Protocols is Supported in a Sample of Ischemic Stroke Patients. Presented at the International Stroke Conference, New Orleans.
30. Feigon MS, Vernale M, Piper L, Popa A, Weir J, **Nyenhuis DL** (February 2013). Use of the NINDS-CSN VCI Neuropsychological Protocol in a Sample of African-American Normal Healthy Controls. Presented at the Annual Meeting of the International Neuropsychological Society, Honolulu.
31. Feigon MS, Vernale MA, Piper LE, Popa AM, Weir JN, Molokie R, Gowhari M, Hassan J, Hsu L, Kozma K, **Nyenhuis D** (February 2013). Validation of the NINDS-CSN VCI Neuropsychological Protocols in African-Americans with Sickle Cell Disease. Presented at the Annual Meeting of the International

Neuropsychological Society, Honolulu.

32. Popa AM, Feigon M, Vernale M, Piper I, Molokie R, Gowhari M, Hassan J, Pliskin N, **Nyenhuis D**. (February 2014). The relationship of premorbid intelligence to educational achievement in individuals with sickle cell disease. Presented at the annual meeting of the International Neuropsychological Society, Seattle.
33. Feigon M, Popa A, Vernale M, Piper L, Molokie R, Gowhari M, Hassan J, Pliskin N, **Nyenhuis D**. (February 2014). Cognitive variables predicting performance on the Competency Rating Scale in African-Americans with sickle cell disease. Presented at the annual meeting of the International Neuropsychological Society, Seattle.
34. Feigon M, Piper L, Vernale M, Popa A, Gowhari M, Molokie R, Hassan J, Pliskin N, **Nyenhuis D**. (February 2014). Cognitive variables predicting activities of daily living in African-Americans with sickle cell disease. Presented at the annual meeting of the International Neuropsychological Society, Seattle.
35. Feigon M, Janecek J, Gowhari M, Molokie R, Piper L, Vernale M, Pliskin N, **Nyenhuis D**. (February 2015). Executive dysfunction in adults with sickle cell disease: depressed versus non-depressed groups. Presented at the annual meeting of the International Neuropsychological Society, Denver.
36. Piper L, Lee E, Feigon M, Vernale M, Pliskin N, **Nyenhuis D**. (February 2015). Neuropsychological profiles in adults with sickle cell disease. Presented at the annual meeting of the International Neuropsychological Society, Denver.

e. International Conference Presentations

1. **Nyenhuis DL**, Gorelick PB, Freels S (January 2002). Cognitive and functional decline in African Americans with VaD, AD or stroke without dementia. Presented at the Second International Congress on Vascular Dementia, Salzburg, Austria.
2. **Nyenhuis DL**, Freels S, Gorelick, PB (January 2002). Predictors of survival in African Americans with VaD, AD or stroke without dementia. Presented at the Second International Congress on Vascular Dementia, Salzburg, Austria.
3. Urresta FL, Stebbins GT, deToledo-Morrell L, **Nyenhuis D**, Moseley M, Gabrieli, JDE, Gencheva E, Gorelick P (January 2002). Contralateral white matter integrity in patients with unilateral stroke. Presented at the Second International Congress on Vascular Dementia, Salzburg, Austria.
4. deToledo-Morrell L, Urresta FL, Bulgakova M, **Nyenhuis D**, Gencheva E, Gorelick P (January 2002). Hippocampal volume in stroke patients with and without vascular cognitive impairment. Presented at the Second International Congress on Vascular Dementia, Salzburg, Austria.
5. Stebbins GT, Urresta FL, deToledo-Morrell L, **Nyenhuis D**, Moseley M, Gabrieli JDE, Gencheva E, Gorelick P (January 2002). The relationship of contralateral white matter integrity to the extent of unilateral stroke. Presented at the Second International Congress on Vascular Dementia, Salzburg, Austria.
6. **Nyenhuis DL**, Gorelick PB, Cochran E, Thomas C, Bonner G, Hockema C (January 2002). Cognitive decline and clinico-pathological correlation in African Americans with VaD, AD or stroke without

dementia. Presented at the Second International Congress on Vascular Dementia, Salzburg, Austria.

7. **Nyenhuis DL**, Stebbins GT, Wang C, Freels S, Shah N, Johnson J, deToledo-Morrell L, Sripathirathan K, Bammer R, Moseley M, Gorelick PB. (March 2005). The Influence of White Matter Classification Probability on the Relation of Fractional Anisotropy and Cognitive Function in Ischemic Stroke. Presented at the International Society for Magnetic Resonance in Medicine Workshop on Methods for Quantitative Diffusion MRI of Human Brain. Alberta, Canada.
8. Stebbins GT, Berry-Kravis E, **Nyenhuis DL**, Freels S, Johnson J, Wang C, Morrell L, Sripathirathan K, Bammer R, Moseley M, Gabrieli JDE, Gorelick PB. (March 2005). Interaction of longitudinal changes in fractional anisotropy and ApoE status in ischemic stroke patients. Presented at the International Society for Magnetic Resonance in Medicine Workshop on Methods for Quantitative Diffusion MRI of Human Brain. Alberta, Canada.
9. **Nyenhuis DL**, Stebbins GT, Wang C, Freels S, Shah N, Johnson J, deToledo-Morrell L, Sripathirathan K, Bammer R, Moseley M, Gorelick PB (June 2005). White matter classification probabilities influence correlations between fractional anisotropy and cognitive function in ischemic stroke. Presented at the 2nd Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Florence, Italy.
10. Stebbins GT, Berry-Kravis E, **Nyenhuis DL**, Freels S, Johnson J, Wang C, deToledo-Morrell L, Sripathirathan K, Bammer R, Moseley M, Gabrieli JDE, Gorelick PB (June 2005). ApoE 4 association with decline in white matter integrity in ischemic stroke. Presented at the 2nd Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Florence, Italy.
11. Pedelty L, **Nyenhuis DL**, Stebbins GT, deToledo-Morrell L, Wang C-S, Sripathirathan K, Berry-Kravis E, Freels S, Byrd SE, Jhaveri M, Gorelick PB (June 2005). Risk Markers for Vascular Cognitive Impairment, No Dementia (Vascular CIND) and Vascular Dementia (VaD) after stroke. Presented at the 2nd Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Florence, Italy.
12. Williamson J, **Nyenhuis DL**, Pedelty L, Stebbins GT, deToledo-Morrell L, Sripathirathan K, Wang C, Berry-Kravis E, Byrd SE, Jhaveri M, Gorelick PB (June 2005). A comparison of risk factor profiles in three cognitive domains commonly associated with Vascular Cognitive Impairment (VCI). Presented at the 2nd Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Florence, Italy.
13. Williamson JB, **Nyenhuis DL**, Lewis G, Stebbins GT, Murphy C, Harden E, Handleman M, Gorelick PB, Porges SW (January 2009). The relationship of white matter integrity to neural regulation of the autonomic nervous system in a stroke population. Presented at the 4th Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Singapore.
14. Wong A, Kwan P, Chan A, Lam W, Wang K, **Nyenhuis D**, Nasreddine Z, Wong L, Mok V. The validity, reliability and utility of the Cantonese Montreal Cognitive Assessment (MoCA) in Chinese patients with confluent white matter lesions. Presented at the 4th Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Singapore.
15. **Nyenhuis DL** (January 2009). Recent Developments in North American VCI Neuropsychological Harmonization Efforts. Presented at the 4th Meeting of the International Society for Vascular Behavioural and Cognitive Disorders, Singapore.
16. Black SE, Honjo K, Gao F, Stebbins GT, Lobaugh NJ, Scott CJM, Zhou XJ, Graham SJ, Rizkalla MN,

- Geary E, Ganda A, Stuss DT, **Nyenhuis DL** (July 2009). Cognitive correlations of stroke, white matter disease and brain atrophy after stroke: Preliminary validation of NINDS-VCI Harmonization Criteria. Presented at the annual International Conference on Alzheimer's Disease, Vienna, Austria.
17. Murphy, CM, Zhou XJ, Graham SJ, Lobaugh NJ, Rangwala N, Scott CJM, Gao F, Black SE, **Nyenhuis DL**, Stuss, DT, Ganda A, Rizkalla MN, Pedelty L, Geary E, Honjo K, Stebbins GT (July 2009). MRI validation of the NINDS-CSN proposed neuropsychological assessment protocol for vascular cognitive impairment. Presented at the annual International Conference on Alzheimer's Disease, Vienna, Austria.
18. **Nyenhuis DL**, Geary E, Rizkalla MN, Ganda A, Honjo K, Pedelty L, Black SE, Stuss DT, Stebbins GT (July 2009). Discriminant validity for the proposed NINDS-CSN harmonization vascular cognitive impairment neuropsychological assessment protocols. Presented at the annual International Conference on Alzheimer's Disease, Vienna, Austria.
19. **Nyenhuis DL**, Gao F, Marola J, Scott CJM, Rangwala N, Pedelty L, Lobaugh NJ, Graham S, Gibson E, Ganda A, Zhou XJ, Stebbins GT, Stuss DT, Black SE (September 2011). A comparison of the sensitivity and specificity of four neuropsychological screening measures in a sample of ischemic stroke patients. Presented at the Fifth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Lille France.
20. **Nyenhuis DL**, Ganda A, Rangwala N, Gao F, Gibson E, Graham S, Honjo K, Lobaugh NJ, Marola J, Pedelty L, Scott CJM, Stebbins GT, Stuss DT, Zhou XJ, Black SE (September 2011). The sensitivity and specificity of subdomain scores from the NINDS-CSN Harmonization 60 Minute Protocol in subjects following ischemic stroke. Presented at the Fifth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Lille France.
21. **Nyenhuis DL**, Ganda A, Gao F, Gibson E, Graham S, Honjo K, Lobaugh NJ, Marola J, Pedelty L, Rangwala N, Scott CJM, Stebbins GT, Stuss DT, Zhou XJ, Black SE (September 2011). Sensitivity and specificity of the NINDS-CSN Harmonization VCI Neuropsychology Protocols in subjects following ischemic stroke. Presented at the Fifth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Lille France.
22. Honjo K, **Nyenhuis DL**, Gao F Scott CJM, Zhou XJ, Graham SJ, Rangwala N, Stebbins GT, Gibson E, Ganda A, Lobaugh NJ, Maroloa J, Stuss DT, Black SE (September 2011). Thalamic volume is related to side and location of stroke, stroke volume, and post-stroke cognitive impairment. Presented at the Fifth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Lille France.
23. Honjo K, Gao F, Gibson E, Scott CJM, Ganda A, Lobaugh NJ, Stebbins GT, Zhou XJ, Rangwala N, Graham SJ, Stuss DT, Pedelty L, **Nyenhuis DL**, Black SE (September 2011). Extracting tissue volumes semi-automatically for brain-behavior stroke studies. Presented at the Fifth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Lille France.
24. Honjo K, **Nyenhuis DL**, Gao F, Scott CJM, Ganda A, Zhou XJ, Graham SJ, Rangwala N, Stebbins GT, Gibson E, Lobaugh NJ, Marola M, McNeely AA, Stuss DT, Black SE (June 2013). Thalamic volume is related to side and location of stroke, stroke volume and post-stroke cognitive impairment. Presented at the Sixth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Toronto Canada.

25. Honjo K, **Nyenhuis DL**, Gao F, Scott CJM, Ganda A, Zhou XJ, Graham SJ, Rangwala N, Stebbins GT, Gibson E, Lobaugh NJ, Marola M, McNeely AA, Stuss DT, Black SE (June 2013). Normal appearing tissue volume is related to vascular cognitive impairment in chronic stroke patients. Presented at the Sixth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Toronto Canada.
26. Godefroy O, Gibbons L, Diouf M, **Nyenhuis D**, Roussel M, Black S, Bugnicourt JM and GREFEX study group (June 2013). Validation of an integrated method for determining cognitive ability: implications for routine assessments and clinical trials. Presented at the Sixth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Toronto Canada.
27. **Nyenhuis DL** (June 2013). North American validation efforts of the NINDS-CSN Harmonization Neuropsychology Protocols in patients with chronic ischemic stroke. Presented at the Sixth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Toronto Canada.
28. **Nyenhuis DL** (June 2013). Use of the Montreal Cognitive Assessment Test (MoCA) in a chronic ischemic stroke sample. Presented at the Sixth Congress of the International Society of Behavioral and Cognitive Vascular Disorders (Vas-Cog), Toronto Canada.

f. Invited Presentations

1. September 1994. "The Science and Practice of Neuropsychology". Psychology Department Colloquium, University of Wisconsin-Green Bay.
2. August 1995. "Cognitive Impairment Associated with Multiple Sclerosis". Rush Multiple Sclerosis Support Group, Rush-Presbyterian-St. Luke's Medical Center.
3. December 1995. "Depression and Stroke". Stroke Grand Rounds, Department of Neurological Sciences, Rush-Presbyterian-St. Luke's Medical Center.
4. February 1996. "Depression and Stroke". Neurology Grand Rounds, Cook County Hospital.
5. May 1996. Panelist, Diagnostic and Treatment Case Study, 12th Annual Mental Health Conference, Du Page County, Illinois.
6. November 1996. "Measuring depressive symptoms in the medically ill". Psychology Department Colloquium, Calvin College, Grand Rapids, Michigan.
7. May 2002. "Pattern of Neuropsychological Deficits in Patients with Vascular Cognitive Impairment No Dementia (Vascular CIND)". Psychology Department Colloquium, Rush-Presbyterian-St. Luke's Medical Center, Chicago Illinois.
8. September 2002. "Stroke, Cerebrovascular Disease and Vascular Cognitive Impairment". Invited lecture, Neuropsychology Section, Psychiatry Department, University of Illinois-Chicago.
9. September 2002. "Risk Markers for Dementia After Stroke: A Case-Control Study of Post Stroke Cognitive Impairment". Invited Lecture, Epidemiology Research Seminar, School of Public Health, University of Illinois-Chicago.
10. May 2003. "Neuropsychological and Neuroimaging Patterns of Vascular Dementia". Invited Web-based

lecture. National Stroke Association.

11. October 2003. "Risk Markers for Dementia After Stroke". Invited Lecture, Behavioral Neuroscience Seminar, University of Illinois-Chicago.
12. May 2004. "Stroke and Vascular Dementia: Natural History, Risk Factors and Patterns of Cognitive Impairment. Invited Grand Rounds Lecture, Vista Health-Saint Therese Medical Center, Lincolnshire Illinois.
13. August 2004. "Memory Disorders and Dementia". Invited lecture, Neuropsychology Section, Psychiatry Department, University of Illinois-Chicago.
14. December 2004. "Cognitive Decline of Patients with Alzheimer's Disease and Vascular Dementia." Invited Lecture, Brain 2004: The Annual Meeting of the Clinical Neuroscience Group, the Chinese University of Hong Kong.
15. December 2004. "Risk Markers for Dementia After Stroke: Neuropsychology, MRI and Epidemiology." Invited Lecture, Brain 2004: The Annual Meeting of the Clinical Neuroscience Group, the Chinese University of Hong Kong.
16. March 2005. "Post ischemic stroke leukoaraiosis: extent, course and relationship to cognitive impairment. Department of Neurology and Rehabilitation Grand Rounds, University of Illinois at Chicago.
17. March 2005. "Risk markers of vascular cognitive impairment following ischemic stroke." Invited lecture, Behavioral Neuroscience Seminar, University of Illinois at Chicago.
18. April 2005. "Risk markers of vascular cognitive impairment." Invited lecture, research seminar, Midwestern University, Downers Grove, Illinois.
19. June 2005. "The Continuum from Vascular Cognitive Impairment, No Dementia (Vascular CIND) to Vascular Dementia (VaD)". Invited lecture presented at the Second International Vas-Cog Congress, Florence Italy.
20. June 2005. "Control of Vascular Risk Factors". Invited lecture presented at the Second International Vas-Cog Congress, Florence Italy.
21. August 2005. "Cognitive Impairment and Dementia associated with Stroke and Cerebrovascular Disease." Invited Grand Rounds lecture, Vista Health, Waukegon, Illinois.
22. February 2006. "Vascular Cognitive Impairment: Epidemiology, Clinical Presentation and Underlying Mechanisms. Invited Continuing Education Lecture presented at the annual meeting of the International Neuropsychological Society, Boston MA.
23. February 2006. "Incorporating Cognitive Outcomes in Stroke Trial Design: Past and Future Measurement. Invited symposium lecture presented at the annual meeting of the American Heart Association's International Stroke Conference, Orlando, FL.
24. May 2006. "An Update on Vascular Cognitive Impairment". Invited lecture presented at the annual meeting of the Midwest Neuropsychology Group, Chicago, IL.
25. May 2006. "White Matter Disease and Cognition in Ischemic Stroke". Department of Psychiatry Grand Rounds, University of Illinois at Chicago.

26. May 2006. "White Matter Disease and Cognition in Ischemic Stroke". Department of Neurological Sciences Grand Rounds, Rush University Medical School.
27. February 2007 (with Laura Pedelty, MD, PhD). "Getting to the Heart of the Matter: A Case of a 66 year-old Man with "Confusion" Following a Cardiac Procedure. Invited case conference presentation, Neurobehavior Seminar, University of Illinois-Chicago.
28. March 2007. "Practical Questions when Measuring Cognition with Potential VCI Patients." Invited Seminar, Department of Neurology, Seoul National University Hospital, Seoul Korea.
29. March 2007. "Global Harmonization of VCI Measurement: The NINDS-Canadian VCI Neuropsychological Protocols." Keynote Speaker: 2007 Hallym Stroke Forum, Hallym University, Seoul Korea.
30. April 2007 (with Neil Pliskin, PhD). "A Diagnostic Dilemma: A 62 Year-old Woman with Late Life Behavioral and Cognitive Change." Department of Neurology and Rehabilitation Medicine Grand Rounds, University of Illinois-Chicago.
31. February 2008. "Epidemiology of Mixed Alzheimer's and Cerebrovascular Disease. Invited Symposium Speaker, International Stroke Conference, New Orleans.
32. February 2008. "Psychometric Measurement of Vascular Cognitive Impairment." Invited Speaker, 10th International Hong Kong/Springfield Pan-Asian Symposium on Advances in Alzheimer Therapy, Hong Kong.
33. March 2008. "Midlife Factors Associated with Late Life Dementia and Cognitive Decline." Department of Neurology and Rehabilitation Medicine Grand Rounds, University of Illinois-Chicago.
34. April 2008. "Choosing cognitive instruments for the study of vascular cognitive impairment." Department of Behavioral Sciences Colloquium, Rush University Medical Center.
35. April 2008. "Choosing cognitive outcomes for vascular cognitive impairment studies". Guest speaker, Sticht Center Conference on Aging, Wake Forest University Baptist Medical Center.
36. February 2009. Cognitive dysfunction associated with cerebrovascular disease. Invited presentation at the GRECC sponsored Geriatric Medicine Update: Cardiovascular Disease in Older Adults. Little Rock, Arkansas.
37. March 2011. Neuropsychological sensitivity to stroke and cerebrovascular disease: the Harmonization Protocols. Invited presentation, Center for Cognitive Medicine, Neurobehavior Seminar, University of Illinois at Chicago.
38. March 2011. An update on vascular cognitive impairment. Invited presentation at Neurology and Rehabilitation Medicine Grand Rounds, University of Illinois at Chicago.
39. April 2011. Neuropsychological sensitivity to stroke and cerebrovascular disease: the Harmonization Protocols. Invited presentation, Department of Psychology, University of Illinois at Chicago.
40. November 2011. Recognizing early sources of cognitive impairment in primary care practice. Thorek Memorial Hospital Grand Rounds.
41. February 2012. Patterns of neuropsychological deficits in vascular cognitive impairment. Invited address to the International Stroke Conference, New Orleans.

42. January 2013. The Neuropsychology of Vascular Cognitive Impairment. Hauenstein Neuroscience Center Grand Rounds, Grand Rapids.
43. September 2014. Neuropsychological Reasons for Clinical Trial Failures for Treatment of Alzheimer's Disease. Hauenstein Neuroscience Seminar, Grand Rapids
44. March 2015. Topics in Neuropsychology. Pine Rest Neuroscience Psychiatry Residents Lecture Series. Grand Rapids.

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