

**Journal of the
International Neuropsychological Society**

VOLUME 17, 2011

**INDEX TO AUTHORS/KEYWORDS/TITLES
AND VOLUME 17 CONTENTS**

**CAMBRIDGE
UNIVERSITY PRESS**

Journal of the International Neuropsychological Society

EDITOR-IN-CHIEF

Kathleen Y. Haaland
NM VA Healthcare System

FOUNDING EDITOR

Igor Grant
University of California
San Diego

ASSOCIATE EDITORS

Mark W. Bondi
VA San Diego Healthcare System
Univ. of Calif.,
San Diego

Thomas A. Hammeke
Zablocki VA Medical Center
Medical College of Wisconsin

Jennifer J. Manly
Taub Institute for Research
Columbia University

Skye McDonald
University of New South Wales
Sydney, Australia

Stephen E. Nadeau
Gainesville VA Medical Center
University of Florida

Yaakov Stern
G.H. Sergievsky Center
Columbia University

Keith Owen Yeates
Nationwide Children's Hospital
Ohio State University

DEPARTMENT EDITORS**Critical Reviews/Dialogues**

Bruce Crosson
Gainesville VA Medical Center
University of Florida

Symposia

Mieke Verfaellie
VA Boston Healthcare System

Book Reviews

Ida Sue Baron
Independent Practice
Potomac, Maryland

Editorial Assistant

Donna Epler
NM VA Healthcare System

EDITORIAL BOARD

Peter Anderson
Murdoch Childrens Research Institute
University of Melbourne

Vicki Anderson
Royal Children's Hospital

Peter A. Arnett
Pennsylvania State University

Marcia Barnes
University of Texas-Houston

Heather G. Belanger
Tampa VA Hospital
University of South Florida

Robert A. Bornstein
Ohio State University

Adam M. Brickman
Taub Institute for Research
Columbia University

Michelle C. Carlson
Johns Hopkins Bloomberg School
of Public Health

Cathy Catroppa
Murdoch Childrens Research Institute
Royal Children's Hospital
University of Melbourne

Agnes S. Chan
The Chinese University of
Hong Kong

Anjan Chatterjee
University of Pennsylvania

Cynthia R. Cimino
University of South Florida

H. Branch Coslett
University of Pennsylvania
Hospital of the University of
Pennsylvania

Sureyya Dikmen
University of Washington

Jacobus Donders
Mary Free Bed Hospital

Leslie K. Fellows
McGill University

Christopher Filley
University of Colorado School of
Medicine

Raul Gonzalez
University of Illinois

Benjamin M. Hampstead
Atlanta VA Medical Center
Emory University

Erik Hessen
Akershus University Hospital
Oslo, Norway

Amy Jak
VA San Diego Healthcare System
University of California San Diego

Sterling Johnson
Wm. S. Middleton Memorial
Veterans Hospital
University of Wisconsin-Madison

Mary H. Kosmidis
Aristotle University of Thessaloniki,
Greece

Joel Kramer
University of California,
San Francisco

Glenn J. Larrabee
Independent Practice
Sarasota, Florida

David J. Libon
Drexel University
College of Medicine

John A. Lucas
Mayo Clinic
College of Medicine

E. Mark Mahone
Kennedy Krieger Institute
Johns Hopkins University School of
Medicine

Andrew Mayer
University of New Mexico

William Milberg
VA Boston Healthcare System
Harvard Medical School

Feggy Ostrosky-Solis
National University of Mexico

Jennie Ponsford
Monash University, Australia

Catherine C. Price
University of Florida

Christopher Randolph
Loyola University Medical Center

Marianne Regard
Private Practice
University of Zurich, Switzerland

Jamie Reilly
University of Florida

Monica Rivera Mindt
Fordham University
Mount Sinai School of Medicine

Joseph R. Sadek
NM VA Healthcare System
University of New Mexico

David P. Salmon
University of California San Diego

Paula K. Shear
University of Cincinnati

Elisabeth M.S. Sherman
Alberta Children's Hospital
University of Calgary

Julie S. Snowden
University of Manchester,
United Kingdom

Nikki Horne Stricker
VA Boston Healthcare System
Boston University School of
Medicine

Yana Suchy
University of Utah

Robyn Tate
University of Sydney
Sydney Medical School

Nancy R. Temkin
University of Washington

Alexander I. Tröster
University of North Carolina

Jennifer J. Vasterling
VA Boston Healthcare System
Boston University School of
Medicine
Harvard Medical School

John L. Woodard
Wayne State University

Aims and Scope: The *Journal of the International Neuropsychological Society* welcomes original, creative, high quality research papers covering all areas of neuropsychology. The focus of articles may be primarily experimental, more applied or clinical. Contributions will broadly reflect the interest of all areas of neuropsychology, including but not limited to: development of cognitive processes, brain-behavior relationships, adult neuropsychology, child neuropsychology, developmental neuropsychology, disorders of speech and language, and the interfaces of neuropsychology with related areas such as behavioral neurology, neuropsychiatry, neuroimaging, and electrophysiology. Book Reviews will also be published.

Editorial Office: Kathleen Y. Haaland, Ph.D., Editor-in-Chief, *Journal of the International Neuropsychological Society*, Veterans Administration Research Scientist, New Mexico VA Healthcare System, University of New Mexico, 1501 San Pedro Drive SE (151), Albuquerque, NM 87108. E-mail: jins@unm.edu; Telephone: (505) 256-2898; Fax: (505) 256-5498.

Publishing, Advertising, Subscription Offices, and Indexing: Cambridge University Press, 32 Avenue of the Americas, New York, NY 10013-2473. Telephone: (212) 337-5000; Fax (212) 337-5959. Outside the USA, Canada, and Mexico: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, England (Telephone: 144(0) 1223 312-393; Fax: 144(0)1223 315-052. For advertising rates and data, contact the Journals Advertising Coordinator at the appropriate Cambridge University Press office. The *Journal of the International Neuropsychological Society* is covered by the major abstracting and indexing services, including Index Medicus, ISI Current Contents/Clinical Medicine, PubMed, Science Citation Index, SciSearch (also known as the Science Citation Index-expanded), Research Alert, the Neuroscience Citation Index, and PsycInfo.

Books for Review: Ida Sue Baron, Ph.D. ABPP, 10116 Weatherwood Ct., Potomac, MD 20854.

Subscription Information: Published six times a year: January, March, May, July, September, and November. Annual institutional print and electronic subscription rates: US \$754.00 in the USA, Canada, and Mexico; UK £408.00 + VAT elsewhere. Institutional electronic rates only: US \$599.00 in the USA, Canada, and Mexico; UK £326.00 + VAT elsewhere. Institutional print rates only: US \$679.00 in the USA, Canada, and Mexico; UK £367.00 + VAT elsewhere. Individual print rates only: US \$246.00 in the USA, Canada, and Mexico; UK £134.00 + VAT elsewhere. Single part rates: US \$124.00 in the USA, Canada, and Mexico; UK £67.00 + VAT elsewhere. Prices include surface postage and insurance.

Member Subscription: The *Journal of the International Neuropsychological Society* is an official publication of The International Neuropsychological Society. Members of the Society automatically receive the *Journal of the International Neuropsychological Society* as part of their annual membership dues. For further information on membership, please visit the INS website <http://www.the-ins.org>. INS office contact: Robert A. Bornstein, Ph.D., Executive Secretary, International Neuropsychological Society, Suite 625, 700 Ackerman Road, Columbus, OH 43202. E-mail: ins@osu.edu; Telephone: (614) 263-4200; Fax: (614) 263-4366.

Information on Journal of the International Neuropsychological Society and all other Cambridge journals is available via <http://www.cambridge.org/> in North America and in the UK. Full text for this journal can be found at <http://journals.cambridge.org/>

Copyright © 2011 The International Neuropsychological Society

All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronic, photocopying or otherwise, without permission in writing from Cambridge University Press, except when permission is obtained through a bona fide copyright clearinghouse, such as the Copyright Clearance Center (USA) or the Copyright Licensing Agency (UK). For further information please visit <http://us.cambridge.org/information/rights/> or <http://www.cambridge.org/uk/information/rights/>. The CCC Item-Fee Code for this publication is 1355-6177/11 \$25.00. Specific written permission must be obtained for all other copying. **Photocopying for Classroom Use:** Permission to reproduce parts of this publication for course anthologies may be obtained directly from Cambridge University Press or through duly authorized services such as the Academic Permissions Service of the CCC, 222 Rosewood Drive, Danvers, MA 01923 and the Copyright Permissions Service of the National Association of College Stores, or through any photoduplication service that properly secures permission from Cambridge or the CCC.

Periodicals postage paid at New York, NY, and additional mailing offices. Return Postage Guaranteed. **Postmaster:** Send address changes in the USA and Canada to: *Journal of the International Neuropsychological Society*, Cambridge University Press, Journals Fulfillment Dept., 100 Brook Hill Drive, West Nyack, NY 10994-2133.

Printed in the United States of America.

This publication is printed on acid-free paper.

Instructions for Contributors

Aims and Scope:

The *Journal of the International Neuropsychological Society* welcomes original, creative, high quality research papers covering all areas of neuropsychology. The focus of articles may be primarily experimental, more applied or clinical. Contributions will broadly reflect the interest of all areas of neuropsychology, including but not limited to: development of cognitive processes, brain-behavior relationships, adult and pediatric neuropsychology, neurobehavioral syndromes, such as aphasia or apraxia, and the interfaces of neuropsychology with related areas such as behavioral neurology, neuropsychiatry, and cognitive neuroscience. Papers that utilize behavioral, neuroimaging, and electrophysiological measures are appropriate. Book reviews will also be published.

To assure maximum flexibility and to promote diverse mechanisms of scholarly communication, the following formats are available in addition to *Regular Research Articles*: *Brief Communications* are shorter research articles; *Rapid Communications* are intended for "fast breaking" new work, that does not yet justify a full length article, and which are put on a fast review track; *Neurobehavioral Grand Rounds* are unique case studies, which are published in tandem with an introduction by an expert in the field to put the case into a more global perspective; *Critical Reviews* are thoughtful considerations of topics of importance to neuropsychology, including associated areas, such as functional brain imaging, neuroepidemiology, and ethical issues; *Dialogues* provide a forum for publishing two distinct positions on controversial issues in a point-counterpoint form; *Symposia* consist of several research articles that are thematically linked; *Letters to the Editor* respond to recent articles in the *Journal of the International Neuropsychological Society*; and *Book Reviews*.

Critical Reviews, *Dialogues*, and *Symposia* may be invited by the appropriate Department Editor or proposed by individual authors. Such proposals should be discussed with the Editor-in-Chief or the Department Editor before submission. *Book Reviews* are invited by the Book Review Editor.

Originality and Copyright

To be considered for publication in the *Journal of the International Neuropsychological Society*, a manuscript cannot have been published previously, nor can it be under review for publication elsewhere. Papers with multiple authors are reviewed with the assumption that all authors have approved the submitted manuscript and concur with its submission to the *Journal of the International Neuropsychological Society*. A **Copyright Transfer Agreement**, with certain specified rights reserved by the author, must be signed and returned to the Editor by the corresponding author of accepted manuscripts, prior to publication. This is necessary for the wide distribution of research findings, and the protection of both author and the society under copyright law.

If you plan to include material that has been published elsewhere and is under copyright of a third party, you will need to obtain permission to re-use this material in your article. A form is provided for this purpose. Alternatively, many publishers use an online system for such requests. It is the responsibility of the authors to obtain permissions to re-use material from elsewhere.

Disclosure Form

The **Author Disclosure Form** must be signed by the corresponding author for all the manuscript's authors at the time the manuscript is submitted. This form includes an attestation that the manuscript is original and not under review in another journal, research was conducted in compliance with institutional guidelines, and any potential conflicts of interest have been

reported. Such disclosure will not preclude publication, but it is critical because of the potential of negative or positive bias. Potential conflicts of interest include funding sources for the reported study (e.g., a test validation study financially supported by a test publisher, a study supported by an insurance company), personal or family financial interest in a test or product or with a company that publishes a test that is being investigated in the manuscript or competes with a test that is being investigated in the manuscript. Other conflicts include employment, consultancies, stock ownership or medicolegal work. For the latter, information about whether the author's medicolegal work is largely for one side should be reported. This list of potential conflicts is not all inclusive, and it is the responsibility of each author to ensure that all of their "potential conflicts" are reported in the Acknowledgment section of the paper. Authors should err on the side of full disclosure, and if authors are uncertain about what constitutes a relevant conflict, they should contact the editorial office (jins@unm.edu).

In addition to signing this attestation, compliance with institutional research standards for animal or human research (including a statement that the research was completed in accordance with the Helsinki Declaration http://www.wma.net/e/policy/17-c_e.html) should be included in the methods section of the manuscript, and funding sources and other potential conflicts of interest should be included in the acknowledgments.

Only the corresponding author's signature is required. This disclosure form pertains to all authors, and the corresponding author's signature documents that the corresponding author has obtained all pertinent information from all authors. It is the corresponding author's ethical responsibility to explicitly check with each of his/her co-authors to ensure that any real or apparent conflict of interest is appropriately disclosed. The intent of this disclosure is not to prevent an author with a significant financial or other relationship from publishing their work in JINS, but rather to provide readers with information on which they can make their own judgments.

Manuscript Submission and Review

The *Journal of the International Neuropsychological Society* uses online submission and peer review. Paper submissions are not accepted. Authors who are not able to submit their manuscripts online are asked to contact the editorial office at: jins@unm.edu. The website address for submissions is: <http://mc.manuscriptcentral.com/cup/jins>, and complete instructions are provided on the website. Prior to online submission, please consult <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=mesh> for 6 keywords or mesh terms that are different from words in the title. Accurate mesh terms will increase the probability that your manuscript will be identified in online searches. Please follow the instructions carefully to avoid delays. The menu will prompt the author to provide all necessary information, including the manuscript category, the corresponding author including phone number, fax number and e-mail address, and suggested reviewers.

The website will automatically acknowledge receipt of the manuscript and provide a manuscript reference number. The Editor-in-Chief will assign the manuscript for review to an Associate or Department Editor and at least two other reviewers. Every effort will be made to provide the author with a review within 6 to 10 weeks of manuscript assignment. *Rapid Communications* will be reviewed within 6 weeks. If the Editor requests that revisions be made to a manuscript before publication, a maximum of 3 months will be allowed for preparation of the revision, except in unusual circumstances.

Required Disclosure, Copyright Transfer, and Permissions Forms

Upon submission of your manuscript, you will be sent an e-mail requesting a signed Author Disclosure form. The Author Disclosure form will be included in the e-mail. Also included in this e-mail will be instructions on how to fax or e-mail the form to the JINS office.

Upon acceptance of your manuscript, you will be sent an e-mail requesting a signed Transfer of Copyright form and instructions on how to fax or e-mail the form will be included in the e-mail. You will also be requested to provide original copies of permissions to re-use material that has been published elsewhere. You may use the form, or the wording contained in it, to seek permission from other publishers, or use the publisher's online request system if this is preferred.

Rights and Permissions

For information regarding rights and permissions concerning JINS, contact Marc Anderson (manderson@cambridge.org), or Adam Hirschberg (ahirschberg@cambridge.org).

Manuscript Length

In order to increase the number of manuscripts that can be published in the JINS, please adhere to the following length requirements. Please provide a word count on the title page for abstract and for manuscript (not including abstract, tables, figures, or references). Manuscripts will be returned if they exceed length requirements.

Regular Research Articles: Maximum of 5,000 words (not including tables, figures, or references) and a 200 word abstract.

Brief Communications: Maximum of 2,500 words (not including abstract, tables, figures, or references) and a 150 word abstract, with a maximum of two tables or two figures, or one table and one figure, and 20 references.

Rapid Communications: Maximum of 1,000 words (not including abstract, tables, figures, or references) and a 150 word abstract, with a maximum of two tables or two figures, or one table and one figure, and 10 references.

Critical Reviews: Maximum of 7,000 words (not including abstract, tables, figures, or references) and a 200 word abstract. **Critical Reviews must be pre-approved by the Department Editor. Please e-mail your abstract to jins@unm.edu in order to receive prior approval.**

Short Reviews: Maximum of 2,500 words, a 100-word abstract, and 35 references. *Short Reviews* are conceptually-oriented snapshots of the current state of a research area rather than comprehensive reviews. We welcome descriptions of new or recent concepts and their applicability to neuropsychology, and proposals of novel ideas or approaches, particularly if they lead to testable hypotheses. Prose should be readily accessible to both students and seasoned scientists and clinicians. **Short Reviews are written by recognized experts in their field. Generally, they are submitted by invitation only, but occasionally an invitation may be issued on the basis of an unsolicited proposal.**

Dialogues: Maximum of 2,000 words for each segment (not including abstract, tables, figures, or references) and a 100 word abstract, with a maximum of two tables or two figures, or one table and one figure and 20 references. **Dialogues must be pre-approved by the Department Editor. Please e-mail your abstract to jins@unm.edu in order to receive prior approval.**

Symposia: Maximum of 5,000 words (not including abstract, tables, figures, or references) and a 200 word abstract. **Symposia must be pre-approved by the Department Editor. Please e-mail your abstract to jins@unm.edu in order to receive prior approval.**

Neurobehavioral Grand Rounds: Maximum of 5,000 words with an informative literature review (not including abstract, tables, figures, or references) and a 200 word abstract.

Letters to the Editor: Maximum of 500 words (not including table, figure, or references) with up to five references, one table, or one figure.

Book Reviews: Approximately 1,000 words.

Manuscript Preparation and Style

The entire manuscript should be typed double-spaced throughout using any word processing program. Unless otherwise specified, the guideline for preparation of manuscripts is the *Publication Manual of the American Psychological Association* (6th edition). This may be ordered from: APA Order Dept., 750 1st St. NE, Washington, DC 20002-4242, USA.

Pages should be numbered sequentially beginning with the Title Page. The Title Page should contain the full title of the manuscript, the full names and affiliations of all authors, a contact address with telephone and fax numbers and e-mail address, and the word count for abstract and for manuscript (excluding title page, abstract, references, tables, and figures). At the top right provide a short title of up to 45 characters preceded by the lead author's last name. Example: Smith-Memory in Parkinson's Disease. This running headline should be repeated at the top right of every following page.

The Abstract and Mesh terms (Keywords) on page 2 should include a brief statement of the problem, the method, the key findings, and the conclusions. Six mesh or key words should be provided (see <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=mesh> for list), and they should not duplicate words in the title.

The full text of the manuscript should begin on page 3. For scientific articles, including *Regular Research Articles*, *Brief Communications*, *Rapid Communications*, and *Symposia*, the format should include an Abstract, Introduction, Method, Results, and Discussion. This should be followed by References, Appendixes, Acknowledgments, Tables, Figures, and Figure Legends.

The use of abbreviations, except those that are widely used, is strongly discouraged. They should be used only if they contribute to better comprehension of the manuscript. Acronyms should be spelled out at first mention. Metric system (SI) units should be used.

Special Note Regarding Figures

Please upload your figure(s) in either a .doc or pdf. format. When uploading figures (color or black and white), they need only be a high enough resolution for the reviewers and editors to identify the information you are trying to convey. However, if your

manuscript is accepted for publication, your figures must meet the following criteria:

High quality digital images (600 dpi or higher) should be provided in PDF, EPS, or TIFF formats. If a digital image is not available, please scan in the image. Figures should be numbered consecutively as they appear in the text. Any indication of features of special interest should also be included. Figures should be twice their intended final size and authors should do their best to construct figures with notation and data points of sufficient size to permit legible photo reduction to one column of a two-column format.

Color figures can be accepted. All color graphics must be formatted in CMYK and not in RGB, because 4-color separations cannot be done in RGB. However, the extra cost of printing these figures must be paid by the author: \$500 for the first color page, \$250 for each color page thereafter.

Tables and figures should be numbered in Arabic numerals. The approximate position of each table and figure should be provided in the manuscript: [INSERT TABLE 1 HERE]. Tables and figures should be on separate pages. Tables should have short titles and all figure legends should be on separate pages.

If you plan to use figures or tables that have been redrawn or modified from other publications, and you are not the copyright holder, please obtain permission for this re-use. Authors should err on the side of caution and seek advice from the editorial office if they are uncertain whether to seek permission.

Financial Support

Please provide details of the sources of financial support for all authors, including grant numbers. For example, "This work was supported by the National Institutes of Health (grant number XXXXXXX)". Multiple grant numbers should be separated by a comma and space, and where research was funded by more than one agency the different agencies should be separated by a semi-colon, with "and" before the final funder. Grants held by different authors should be identified as belonging to individual authors by the authors' initials. For example, "This work was supported by the Wellcome Trust (A.B., grant numbers XXXX, YYYY), (C.D., grant number ZZZZ); the Natural Environment Research Council (E.F., grant number FFFF); and the National Institutes of Health (A.B., grant number GGGG), (E.F., grant number HHHH)." Where no specific funding has been provided for research, please provide the following statement "This research received no specific grant from any funding agency, commercial or not-for-profit sectors."

References

References should be in American Psychological Association, 6th Edition, style (see the examples presented below).

Text references should be cited as follows: ". . . Given the critical role of the prefrontal cortex (PFC) in working memory (Cohen et al., 1997; Goldman-Rakic, 1987; Perlstein et al., 2003a,

2003b) . . ." with multiple references in alphabetical order. Another example is: "For example, Cohen et al. (1994,1997), Braver et al. (1997), and Jonides and Smith (1997) demonstrated . . ." References cited in the text with two authors should list both names. References cited in the text with three, four, or five authors, list all authors at first mention; with subsequent citations, include only the first author's last name followed by et al. References cited in the text with six or more authors should list the first author et al. throughout. In the reference section, list all authors up to seven. For eight or more, list the first six, then three ellipses, and end with the last author's name. Examples of the APA reference style are as follows:

Online/Electronic Journal Article with DOI:

Dikmen, S., Machamer, J. Fann, J. & Temkin, N. (2010). Rates of Symptom Reporting Following Traumatic Brain Injury. *Journal of the International Neuropsychological Society*, 16, 401-411. doi: 10.1017/S1355617710000196

Scientific Article:

Haaland, K.Y., Price, L., & LaRue, A. (2003). What does the WMS-III tell us about memory changes with normal aging? *Journal of the International Neuropsychological Society*, 9, 89-96.

Book:

Lezak, M.D., Howieson, D.B., & Loring, D.W. (2004). *Neuropsychological Assessment*. New York: Oxford University Press.

Book Chapter:

Knopman, D. & Selnes, O. (2003). Neuropsychology of Dementia. In K.M. Heilman & E.E. Valenstein (Ed.), *Clinical Neuropsychology*. New York: Oxford University Press.

Report at a Scientific Meeting:

Rothi, L.J.G. (2003, February). Use-dependent learning and neural plasticity: A revision of the pessimism surrounding neurorehabilitation. International Neuropsychological Society, Honolulu, Hawaii.

Manual, Diagnostic Scheme, etc.:

American Psychiatric Association (1994). *Diagnostic and Statistical Manual of Mental Disorders* (4th ed.). Washington, DC: American Psychiatric Association Press.

Proofs

The publisher reserves the right to copyedit manuscripts. The corresponding author will receive PDFs for final proofreading. These should be checked and corrections returned within 2 days of receipt. The publisher reserves the right to charge authors for excessive corrections.

Offprints and PDF Files

The corresponding author will receive a free pdf. This pdf can also be mounted on the authors' web pages. Offprints must be ordered when page proofs are returned. The offprint order form with the price list will be sent with your PDF.

Diversify your practice with these trusted tests

We offer a range of leading cognitive ability measures that provide strong support to clinicians who are interested in expanding their practices into new areas. Backed by extensive research and years of clinical use, these proven tests are well suited for a variety of applications, including to help you serve the needs of older adults and children and for use in forensic settings.



NEPSY®-II

- The only contemporary, multiple-domain battery for use with children and adolescents
- Enables clinicians to customize their evaluations using one test with unified norms



D-KEFS™

- The leading comprehensive assessment of Executive Function for use with children and adults
- Comprises nine stand-alone subtests with a unified normative sample



CVLT®-II

- Comprehensive, detailed assessment of learning and memory for use with adults (CVLT®-C, for use with children ages 5:0–16:11, also available)
- Useful in assessing individuals diagnosed with TBI, dementia, ADHD, psychiatric problems, or other neurological disorders



RBANS®

- Brief, repeatable assessment to help detect and characterize cognitive decline or neurocognitive status
- Helpful for evaluating adults diagnosed with TBI, dementia, and other neurological disorders

Tried

Tested

True

Interested in learning more about Traumatic Brain Injury?

Visit psychcorp.com/TBI to access:

- Case Studies
- Training Opportunities
- Assessment Information

Tried

Tested

True

800.627.7271 |  | PsychCorp.com

ALWAYS LEARNING

PEARSON

REGULAR ARTICLES (Continued)

- 1094** Neurocognitive Development and Behavioral Outcome of 2-Year-Old Children with Univentricular Heart *R. Puosi, M. Korkman, A. Sarajuuri, E. Jokinen, L. Mildh, I. Mattila, and T. Lönnqvist*
- 1104** Memory Complaints with and without Memory Impairment: The Impact of Leukoaraiosis on Cognition *M. Lamar, T.M. Dannhauser, Z. Walker, J.E. Rodda, D.J. Cutinha, and S.S. Shergill*
- 1113** Reaction Time and Rapid Serial Processing Measures of Information Processing Speed in Multiple Sclerosis: Complexity, Compounding, and Augmentation *A.J. Hughes, D.R. Denney, and S.G. Lynch*
- 1122** Social Cognition Impairments in Relapsing-Remitting Multiple Sclerosis *A. Henry, A. Tourbah, M.-P. Chaunu, L. Rumbach, M. Montreuil, and S. Bakchine*
- 1132** Emotion Labeling and Socio-Emotional Outcomes 18 Months after Early Childhood Traumatic Brain Injury *S.J. Tlustos, C.-Y.P. Chiu, N.C. Walz, H.G. Taylor, K.O. Yeates, and S.L. Wade*
- 1143** Functional Magnetic Resonance Imaging of Working Memory and Response Inhibition in Children with Mild Traumatic Brain Injury *L.S. Krivitzky, T.M. Roebuck-Spencer, R.M. Roth, K. Blackstone, C.P. Johnson, and G. Gioia*

BRIEF COMMUNICATIONS

- 1153** Clustering and Switching Strategies during Verbal Fluency Performance Differentiate Alzheimer's Disease and Healthy Aging *N. Haugrud, M. Crossley, and M. Vrbancic*
- 1158** Event-Based Prospective Memory in Newly Diagnosed, Drug-Naive Parkinson's Disease Patients *C. Pagni, D. Frosini, R. Ceravolo, G. Giunti, E. Unti, M. Poletti, S.M. McClintock, L. Murri, U. Bonuccelli, and G. Tognoni*

BOOK REVIEWS

- 1163** Review of "*Handbook of Pediatric Neuropsychology*" Andrew S. Davis (Ed). *S. Hunter*
- 1163** Review of "*The Business of Neuropsychology*" by Mark T. Barisa *E.R. Larson*
- 1163** Review of "*Handbook of Neurodevelopmental and Genetic Disorders in Children*," Second Edition, Sam Goldstein and Cecil R. Reynolds (Eds.). *J.M. Phillips*
- 1168** Recent and Relevant

INDEX/CONTENTS/REVIEWERS

- 1171** Index to Authors/Keywords/Titles
- 1186** Volume 17, 2011 Contents
- 1195** Acknowledgments to *JINS* External Reviewers

Journal of the International Neuropsychological Society

Volume 17

Number 6

November 2011

IN MEMORIAM

953 A Tribute to Edith Kaplan (1924–2009)

S. Weintraub

CRITICAL REVIEW

956 Does Antiretroviral Therapy Improve HIV-Associated Cognitive Impairment?
A Quantitative Review of the Literature

T. Al-Khindi, K.K. Zakzanis, and W.G. van Gorp

SYMPOSIUM

970 Introduction—A Life Course Perspective on Activity and Neurocognitive Health

M.C. Carlson

975 A Review of the Relation of Aerobic Fitness and Physical Activity to Brain
Structure and Function in Children

*L. Chaddock, M.B. Pontifex, C.H. Hillman,
and A.F. Kramer*

986 Physical Activity Associated with Increased Resting-State Functional
Connectivity in Multiple Sclerosis

*R.S. Prakash, B. Patterson, A. Janssen,
A. Abduljalil, and A. Boster*

998 Late-Life Social Activity and Cognitive Decline in Old Age

*B.D. James, R.S. Wilson, L.L. Barnes,
and D.A. Bennett*

1006 Association of Crossword Puzzle Participation with Memory Decline in Persons
Who Develop Dementia

*J.A. Pillai, C.B. Hall, D.W. Dickson, H. Buschke,
R.B. Lipton, and J. Verghese*

REGULAR ARTICLES

1014 Influence of Serotonin Transporter Genotype and Catechol-O-Methyltransferase
Val158Met Polymorphism on Recognition of Emotional Faces

*M. DeFrancesco, H. Niederstätter, W. Parson,
H. Oberacher, H. Hinterhuber, M. Canazei,
J. Bidner, E.A. Deisenhammer, G. Kemmler,
E.M. Weiss, and J. Marksteiner*

1021 Impaired Visual Scanning and Memory for Faces in High-Functioning Autism
Spectrum Disorders: It's Not Just the Eyes

*J. Snow, J.E. Ingeholm, I.F. Levy, R.A. Caravella,
L.K. Case, G.L. Wallace, and A. Martin*

1030 Establishing, *versus* Maintaining, Brain Function: A Neuro-computational Model
of Cortical Reorganization after Injury to the Immature Brain

S. Varier, M. Kaiser, and R. Forsyth

1039 Education Does Not Slow Cognitive Decline with Aging: 12-Year Evidence from
the Victoria Longitudinal Study

*L.B. Zahodne, M.M. Glymour, C. Sparks,
D. Bontempo, R.A. Dixon, S.W.S. MacDonald,
and J.J. Manly*

1047 Comprehensive Examination of Frontal Regions in Boys and Girls with
Attention-Deficit/Hyperactivity Disorder

*E.M. Mahone, M.E. Ranta, D. Crocetti,
J. O'Brien, W.E. Kaufmann, M.B. Denckla,
and S.H. Mostofsky*

1058 Apathy and Depression: Separate Factors in Parkinson's Disease

*L. Kirsch-Darrow, M. Marsiske, M.S. Okun,
R. Bauer, and D. Bowers*

1067 Cognitive Outcomes for Extremely Preterm/Extremely Low Birth Weight
Children in Kindergarten

*L.J. Orchinik, H.G. Taylor, K.A. Espy,
N. Minich, N. Klein, T. Sheffield, and M. Hack*

1080 Brain Cortical Thickness and Surface Area Correlates of Neurocognitive
Performance in Patients with Schizophrenia, Bipolar Disorder,
and Healthy Adults

*C.B. Hartberg, K. Sundet, L.M. Rimol,
U.K. Haukvik, E.H. Lange, R. Nesvåg,
A.M. Dale, I. Melle, O.A. Andreassen,
and I. Agartz*

continued on inside back cover

Cambridge Journals Online

For further information about this journal please
go to the journal website at:

journals.cambridge.org/ins

CAMBRIDGE
UNIVERSITY PRESS