

eISSN: 1469-7661; ISSN 1355-6177

JINS

Journal of the International Neuropsychological Society



 **INS** International
Neuropsychological
Society
Founded in 1967

CAMBRIDGE
UNIVERSITY PRESS

Editor-in-Chief

John L. Woodard, Wayne State University, USA

Associate Editors

Jennie Ponsford, Monash University & Monash-Epworth Rehabilitation Research Centre, Australia

Lin Sørensen, University of Bergen, Norway

Radek Ptak, University Hospitals Geneva, Switzerland

Kevin Duff, Oregon Health Sciences University, USA

Michael Thomas, Colorado State University, USA

Gert Geurtsen, Academic Medical Center & Amsterdam UMC, Netherlands

Past Editors

Igor Grant, 1994-2004

Kathleen Y. Haaland, 2004-2014

Stephen M. Rao, 2014-2023

Consulting Editors

Peter A. Arnett, Pennsylvania State University, USA

Steinunn Adólfssdóttir, University of Bergen, Norway

Vicki Anderson, Murdoch Children's Research Institute, Australia

Lee Ashendorf, VA Central Western Massachusetts & University of Massachusetts, USA

Bradley N. Axelrod, John D Dingell DVAMC Detroit Michigan, USA

Philippe Azouvi, University of Versailles Saint Quentin and Raymond Poincaré hospital, Garches, France

Ida Sue Baron, Independent Private Practice, Potomac, MD & Fairfax, VA, USA

Russell M. Bauer, University of Florida & Malcolm Randall Veterans' Affairs Medical Center, USA

Aaron Bonner-Jackson, Cleveland Clinic, USA

Adam M. Brickman, Taub Institute for Research, Columbia University, USA

Adam R. Cassidy, Mayo Clinic-Rochester, USA

Giovanni A. Carlesimo, University of Rome Tor Vergata & IRCCS S. Lucia Foundation, Italy

Maud Champagne-Lavau, CNRS UMR 7309, Aix-Marseille University, France

Gordon Chelune, University of Utah, USA

Derin Cobia, Brigham Young University, USA

Heather M. Conklin, St. Jude Children's Research Hospital, USA

Alice Cronin-Golomb, Boston University, USA

John C. Darlymple-Alford, University of Canterbury, New Zealand, New Zealand Brain Research Institute, Christchurch, New Zealand

Ana Daugherty, Wayne State University, USA

John DeLuca, Kessler Foundation, USA

Jacobus Donders, Mary Free Bed Rehabilitation Hospital, USA

Vonetta M. Dotson, Georgia State University, USA

Alysa E. Doyle, Massachusetts General Hospital / Harvard Medical School, USA

Annelien A. Duits, Radboud and Maastricht University Medical Center, The Netherlands

Philip S. Fastenau, Case Western Reserve Univ. School of Medicine & University Hospitals Cleveland Medical Center, USA

Deborah A. Fein, University of Connecticut, USA

Sanne Franzen, Erasmus MC University Medical Center, The Netherlands

Brandon Gavett, University of California Davis, USA

Stella G. Giakoumaki, University of Crete, Greece

Igor Grant, University of California, San Diego, USA

John Gunstad, Kent State University, USA

Kathleen Y. Haaland, New Mexico VA Healthcare System & University of New Mexico, USA

Thomas A. Hammeke, Milwaukee VA Medical Center & Medical College of Wisconsin, USA

Dustin B. Hammers, Indiana University School of Medicine, USA

Bernard J. Hanseeuw, Université catholique de Louvain, Belgium Harvard Medical School, USA

Nathan Hantke, Oregon Health & Science University, USA

Deborah L. Harrington, VA San Diego Healthcare System & University of California, San Diego, USA

Philip D. Harvey, University of Miami Miller School of Medicine/ Miami VA Healthcare System, USA

Bruce P. Hermann, University of Wisconsin School of Medicine and Public Health, USA
Hana Horakova, Charles University, Czech Republic
Alexandru D. Iordan, University of Michigan, USA
Lisa A. Jacobson, Kennedy Krieger Institute, Johns Hopkins University School of Medicine, USA
Brian C. Kavanaugh, E. P. Bradley Hospital/Alpert Medical School of Brown University, USA
Roy P.C. Kessels, Radboud University, Nijmegen, The Netherlands
Tricia Z. King, Georgia State University, USA
Andrew M. Kiselica, University of Missouri, USA
Janneke Koerts, University of Groningen, The Netherlands
Renée Lajiness-O'Neill, Eastern Michigan University and University of Michigan, USA
Bonnie E. Levin, University of Miami Miller School of Medicine, USA
Kathryn E. Lewandowski, McLean Hospital / Harvard Medical School, USA
Spencer W. Liebel, University of Utah, USA
Marianne Løvstad, Sunnaas Rehabilitation Hospital, Norway
Pamela May-Weeks, University of Nebraska Medical Center, USA
Harry Miller, University of British Columbia, Canada
Cynthia A. Munro, Johns Hopkins School of Medicine, USA
Christopher M. Nguyen, The Ohio State University College of Medicine, USA
Kristy A. Nielson, Marquette University & Medical College of Wisconsin, USA

Natalia Ojeda, Universidad de Deusto, Spain
Barton W. Palmer, University of California San Diego & Veterans Affairs San Diego Healthcare System, USA
Annalise Rahman-Filipiak, University of Michigan Medical School, USA
Stephen Rao, Cleveland Clinic, USA
Lisa J. Rapport, Wayne State University, USA
Marit Ruitenbergh, Leiden University, the Netherlands
Sydney Y. Schaefer, Arizona State University, USA
Maureen Schmitter-Edgecombe, Washington State University, USA
Carlo Semenza, University of Padova, Italy
Maria Semkowska, University of Southern Denmark, Denmark
J. Carson Smith, University of Maryland, USA
Jacoba M. Spikman, University of Groningen, University Medical Center Groningen, The Netherlands.
Gershon Spitz, Monash-Epworth Rehabilitation Research Centre, Monash University, Australia
Mary Beth Spitznagel, Kent State University, USA
Mathew Staios, Monash University, Australia
Yana Suchy, University of Utah, USA
Alexander I. Tröster, Barrow Neurological Institute, USA
Mieke Verfaellie, Boston University, USA
Frederick W. Unverzagt, Indiana University School of Medicine, USA
Seth Warschawsky, University of Michigan, USA
Sara L. Weisenbach, McLean Hospital, Harvard Medical School, USA
Michael W. Williams, University of Houston, USA
T. Andrew Zabel, Kennedy Krieger Institute, USA
Laura B. Zahodne, University of Michigan, USA

Editorial Assistant

Tracy Ronan, Cleveland Clinic, USA

Information about editors and editorial board members correct as of 1st January 2022. For the latest information please see <https://www.cambridge.org/core/journals/journal-of-the-international-neuropsychological-society/information/editorial-board>

Aims & Scope

JINS is the official journal of the International Neuropsychological Society, an organization of over 4,700 international members from a variety of disciplines. Our editorial board is comprised of internationally known experts with a broad range of interests. JINS publishes empirically-based articles covering all areas of neuropsychology and the interface of neuropsychology with other areas, such as cognitive neuroscience. Theoretically driven work that has clinical implications is of particular interest.

The International Neuropsychological Society

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>.

© International Neuropsychological Society.

Published by Cambridge University Press.



CAMBRIDGE
UNIVERSITY PRESS

Published For



International
Neuropsychological
Society
Founded in 1967

RESEARCH ARTICLES

- Sustained attention in mild cognitive impairment with Lewy bodies and Alzheimer's disease 421
Calum A. Hamilton, Peter Gallagher, Joanna Ciafone, Nicola Barnett, Sally A.H. Barker, Paul C. Donaghy, John T. O'Brien, John-Paul Taylor and Alan J. Thomas
- Naturalistic assessment of reaction time variability in older adults at risk for Alzheimer's disease 428
Matthew S. Welhaf, Hannah Wilks, Andrew J. Aschenbrenner, David A. Balota, Suzanne E. Schindler, Tammie L.S. Benzinger, Brian A. Gordon, Carlos Cruchaga, Chengjie Xiong, John C. Morris and Jason Hassenstab
- Comparing neuropsychological, typical, and ADNI criteria for the diagnosis of mild cognitive impairment in Vietnam-era veterans 439
Monica T. Ly, Jennifer Adler, Adan F. Ton Loy, Emily C. Edmonds, Mark W. Bondi, Lisa Delano-Wood for the Department of Defense Alzheimer's Disease Neuroimaging Initiative
- Discrepancies between self- and informant-ratings of functional abilities and objective cognition: predictors of bias in mild cognitive impairment 448
Liselotte De Wit, Felicia C. Goldstein, Jessica L. Saurman, Amy D. Rodriguez and Kayci L. Vickers
- Psychometric reliability, validity, and generalizability of 3MSE scores among American Indian adults: the Strong Heart Study 454
Astrid M. Suchy-Dicey, Thao T. Vo, Kyra Oziel, Dedra S. Buchwald, Lonnie A. Nelson, Steven P. Verney and Brian F. French
- Moving on with (social) cognition in idiopathic cervical dystonia 464
Maraike A. Coenen, Jacoba M. Spikman, Marenka Smit, Jesper Klooster, Marina A.J. Tijssen and Marleen J.J. Gerritsen
- About time: neurocognitive correlates of stimulus-bound and other time setting errors in the Clock Drawing Test 471
Matan Soffer, Meryl A. Butters, Nathan Herrmann, Sandra E. Black, Sanjeev Kumar, Bradley Pugh, Tarek K. Rajji, Maria Carmela Tartaglia, David F. Tang-Wai and Morris Freedman
- Metamemory and executive function mediate the age-related decline in memory 479
Michael K. Yeung
- The effect of age on executive functions in adults is not sex specific 489
Marilou Lemire, Isabelle Soulières and Dave Saint-Amour

CRITICAL REVIEW

- Conceptualization of the term "ecological validity" in neuropsychological research on executive function assessment: a systematic review and call to action 499
Yana Suchy, Libby A. DesRuisseaux, Michelle Gereau Mora, Stacey Lipio Brothers and Madison A. Niermeyer