

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**

Stephen M. Rao, Cleveland Clinic, USA

**Associate Editors**

Robert M. Bilder, University of California, Los Angeles, USA

Lin Sørensen, University of Bergen, Norway

Alexander I. Tröster, Barrow Neurological Institute, USA

Mieke Verfaellie, VA Boston Healthcare System & Boston University School of Medicine, USA

Guy Vingerhoets, Ghent University, Belgium

John L. Woodard, Wayne State University, USA

**Past Editors**

Igor Grant, 1994-2004

Kathleen Y. Haaland, 2004-2014

**Consulting Editors**

Peter A. Arnett, Pennsylvania State University, USA

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

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

Miriam H. Beauchamp, University of Montreal, Canada

Ralph H. B. Benedict, State University of New York at Buffalo School of Medicine and Biomedical Sciences, USA

Linás A. Bieliauskas, Ann Arbor VA Healthcare System and University of Michigan Health System, USA

Erin D. Bigler, Brigham Young University, USA

Mark W. Bondi, VA San Diego Healthcare System & University of California San Diego, USA

Aaron Bonner-Jackson, Cleveland Clinic, USA

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

Randy L. Buckner, Harvard University, USA

Roberto Cabeza, Duke University, USA

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

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

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

Michael C. Corballis, University of Auckland, New Zealand

Fergus I. M. Craik, Rotman Research Institute at Baycrest, Canada

Bruce A. Crosson, Emory University & Atlanta VA Medical Center, USA

Jeffrey L. Cummings, Cleveland Clinic, USA

Natalia Ojeda Del Pozo, University of Deusto, Spain

John DeLuca, Kessler Foundation, USA

Sureyya Dikmen, University of Washington, USA

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

Deborah A. Fein, University of Connecticut, USA

Christopher M. Filley, University of Colorado School of Medicine, 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

Benjamin M. Hampstead, Emory University and Atlanta VA Medical Center, USA

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

Bruce P. Hermann, University of School of Wisconsin School of Medicine and Public Health, USA

Lisa A. Jacobson, Kennedy Krieger Institute, Johns Hopkins University School of Medicine, USA

Sterling C. Johnson, University of Wisconsin-Madison  
& Wm. S. Middleton Memorial VA Hospital, USA  
Roy P. C. Kessels, Radboud University Nijmegen, The Netherlands  
Jae-Jin Kim, Gangnam Severance Hospital & Yonsei University,  
South Korea  
Michael D. Kopelman, King's College London, UK  
Scott A. Langenecker, The University of Illinois at Chicago, USA  
Bonnie E. Levin, University of Miami Miller School of Medicine, USA  
Harvey Levin, Baylor College of Medicine & Michael E. DeBakey  
VA Medical Center, USA  
Kathryn E. Lewandowski, McLean Hospital / Harvard Medical  
School, USA  
Leandro Fernandes Malloy-Diniz, Universidade Federal de Minas  
Gerais, Brazil  
Jennifer J. Manly, Columbia University Medical Center, USA  
Andrew R. Mayer, University of New Mexico & The Mind  
Research Network, USA  
Michael McCrea, Medical College of Wisconsin, USA  
Skye McDonald, The University of New South Wales, Australia  
Raquelle I. Meshulam-Gately, Harvard Medical School & Beth  
Israel Deaconess Medical Center, USA  
Steffen Moritz, University Medical Centre Hamburg-Eppendorf,  
Germany  
Kristy A. Nielson, Marquette University & Medical College of  
Wisconsin, USA  
Michael W. Parsons, Cleveland Clinic, USA  
Jennie Ponsford, Monash University & Epworth Hospital, Australia

Naftali Raz, Wayne State University, USA  
Andrew J. Saykin, Indiana University School of Medicine,  
USA  
Ben Schmand, Academic Medical Center & University of  
Amsterdam, The Netherlands  
Maureen Schmitter-Edgcombe, Washington State University,  
USA  
Michael Seidenberg, Rosalind Franklin University of Medicine  
and Science, USA  
Carlo Semenza, University of Padova, Italy  
Maria Semkowska, University of Limerick, Republic of Ireland  
J. Carson Smith, University of Maryland, USA  
Yaakov Stern, Columbia University Medical Center, USA  
William S. Stone, Harvard Medical School & Beth Israel  
Deaconess Medical Center, USA  
Yana Suchy, University of Utah, USA  
Daniel Tranel, University of Iowa, USA  
Elizabeth W. Twamley, University of California, San Diego & VA  
San Diego Healthcare System, USA  
Frederick W. Unverzagt, Indiana University School of Medicine,  
USA  
Eli Vakil, Bar Ilan University, Israel  
Sandra Vanotti, University of Buenos Aires, Argentina  
Seth Warschausky, University of Michigan, USA  
Ann D. Watts, Entabeni Hospital, South Africa  
Kathleen A. Welsh-Bohmer, Duke University, USA  
T. Andrew Zabel, Kennedy Krieger Institute, USA

#### **Editorial Assistant**

Charlene Belsole, 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

- Relationship of Purpose in Life to Dementia in Older Black and White Brazilians 997  
*Robert S. Wilson, Ana W. Capuano, Carolina Sampaio, Sue E. Leurgans, Lisa L. Barnes, Patricia A. Boyle, Jose M. Farfel and David A. Bennett*
- Altered Reinforcement Learning from Reward and Punishment in Anorexia Nervosa: Evidence from Computational Modeling 1003  
*Christina E. Wierenga, Erin Reilly, Amanda Bischoff-Grethe, Walter H. Kaye and Gregory G. Brown*
- An Investigation of the Validity of the Edinburgh Social Cognition Test (ESCoT) in Acquired Brain Injury (ABI) 1016  
*Blanca Poveda, Sharon Abrahams, R. Asaad Baksh, Sarah E. MacPherson and Jonathan J. Evans*
- Are Adverse Childhood Experiences Associated with Worse Cognitive Function in Older Adults? 1029  
*Amy B. Halpin, Rebecca K. MacAulay, Angelica R. Boeve, Lisa M. D'Errico and Savannah Michaud*
- Neurodevelopmental Outcomes in Preterm Children with Sickle Cell Disease 1039  
*Sarah E. Bills, Jeffrey Schatz, Erin Hunt, Sreya Varanasi, Julia Johnston and Jessica Bradshaw*
- Comparison of Computerised and Pencil-and-Paper Neuropsychological Assessments in Older Culturally and Linguistically Diverse Australians 1050  
*Zara A. Page, Karen Croot, Perminder S. Sachdev, John D. Crawford, Ben C.P. Lam, Henry Brodaty, Amanda Miller Amberber, Katya Numbers and Nicole A. Kochan*
- Relationship Between Self-Reported Concomitant Depressive and Anxiety Symptoms and the Post-Concussion Symptoms Scale (PCSS) 1064  
*Garrett A. Thomas, Kaitlin E. Riegler, Erin T. Guty and Peter A. Arnett*

## CRITICAL REVIEW

- The Company Prosodic Deficits Keep Following Right Hemisphere Stroke: A Systematic Review 1075  
*Shannon M. Sheppard, Melissa D. Stockbridge, Lynsey M. Keator, Laura L. Murray and Margaret Lehman Blake Right Hemisphere Damage working group, Evidence-Based Clinical Research Committee, Academy of Neurologic Communication Disorders and Sciences*
- Effects of Pediatric Traumatic Brain Injury on Verbal IQ: A Systematic Review and Meta-Analysis 1091  
*Carly A. Cermak, Shannon E. Scratch, Nick P. Reed, Lisa Kakonge and Deryk S. Beal*

## CORRIGENDUM

- Accelerated Long-Term Forgetting: Prolonged Delayed Recognition as Sensitive Measurement for Different Profiles of Long-Term Memory and Metacognitive Confidence in Stroke Patients - CORRIGENDUM 1104  
*Nikki A. Lammers, Selma Lugtmeijer, Edward H.F. de Haan and Roy P.C. Kessels*
- Comparison of computerised and pencil-and-paper neuropsychological assessments in older culturally and linguistically diverse Australians - CORRIGENDUM 1105  
*Zara A. Page, Karen Croot, Perminder S. Sachdev, John D. Crawford, Ben C.P. Lam, Henry Brodaty, Amanda Miller Amberber, Katya Numbers and Nicole A. Kochan*