

Volume 22, Number 3

March 2016

ISSN 1355-6177

# JINS

Journal of the International Neuropsychological Society

**EDITOR-IN-CHIEF**

Stephen M. Rao

**ASSOCIATE EDITORS**

Larry J. Seidman

Julie C. Stout

Mieke Verfaellie

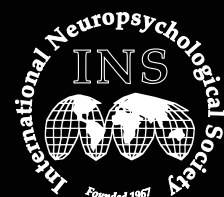
Guy Vingerhoets

John L. Woodard

Keith Owen Yeates



Official Publication



**CAMBRIDGE**  
UNIVERSITY PRESS

## Journal of the International Neuropsychological Society

**EDITOR-IN-CHIEF**

Stephen M. Rao  
Cleveland Clinic

**ASSOCIATE EDITORS**

Larry J. Seidman  
Harvard Medical School at Beth Israel  
Deaconess Medical Center

Julie C. Stout  
Monash University, Australia

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

Guy Vingerhoets  
Ghent University, Belgium

John L. Woodard  
Wayne State University

Keith Owen Yeates  
University of Calgary, Canada

**Editorial Assistant**

Maria Stadler  
Cleveland Clinic

**PAST EDITORS**

Igor Grant  
Founding Editor, 1994-2004

Kathleen Y. Haaland  
2004-2014

**CONSULTING EDITORS**

Peter A. Arnett  
Pennsylvania State University

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

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

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

Linás A. Bieliauskas  
Ann Arbor VA Healthcare System & University  
of Michigan Health System

Erin D. Bigler  
Brigham Young University

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

Aaron Bonner-Jackson  
Cleveland Clinic

Adam M. Brickman  
Taub Institute for Research  
Columbia University

Randy L. Buckner  
Harvard University

Roberto Cabeza  
Duke University

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

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

Gordon Chelune  
University of Utah

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

Jeffrey L. Cummings  
Cleveland Clinic

Sureyya Dikmen  
University of Washington

Deborah A. Fein  
University of Connecticut

Christopher M. Filley  
University of Colorado School of Medicine

Stella G. Giakoumaki  
University of Crete, Greece

Igor Grant  
University of California, San Diego

John Gunstad  
Kent State University

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

Thomas A. Hammke  
Milwaukee VA Medical Center  
& Medical College of Wisconsin

Benjamin M. Hampstead  
University of Michigan and  
VA Ann Arbor Healthcare System

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

Sterling C. Johnson  
University of Wisconsin-Madison  
& Wm. S. Middleton Memorial VA Hospital

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, England

Scott A. Langenecker  
The University of Illinois at Chicago

Bonnie E. Levin  
University of Miami Miller School of Medicine

Harvey Levin  
Baylor College of Medicine  
& Michael E. DeBakey VA Medical Center

Leandro Fernandes Malloy-Diniz  
Universidade Federal de Minas Gerais,  
Brazil

Jennifer J. Manly  
Columbia University Medical Center

Andrew R. Mayer  
University of New Mexico  
& The Mind Research Network

Michael McCrea  
Medical College of Wisconsin

Skye McDonald  
The University of New South Wales,  
Australia

Steffen Moritz  
University Medical Centre  
Hamburg-Eppendorf, Germany

Kristy A. Nielson  
Marquette University & Medical College of  
Wisconsin

Michael W. Parsons  
Cleveland Clinic

Jennie Ponsford  
Monash University & Epworth Hospital,  
Australia

Naftali Raz  
Wayne State University

Andrew J. Saykin  
Indiana University School of Medicine

Ben Schmand  
Academic Medical Center & University of  
Amsterdam, The Netherlands

Maureen Schmitter-Edgecombe  
Washington State University

Michael Seidenberg  
Rosalind Franklin University of Medicine  
and Science

Carlo Semenza  
University of Padova, Italy

Maria Semkovska  
University of Limerick, Ireland

J. Carson Smith  
University of Maryland

Lin Sørensen  
University of Bergen, Norway

Yaakov Stern  
Columbia University Medical Center

William S. Stone  
Harvard Medical School &  
Beth Israel Deaconess Medical Center

Yana Suchy  
University of Utah

Daniel Tranel  
University of Iowa

Alexander I. Tröster  
Barrow Neurological Institute

Elizabeth W. Twamley  
University of California, San Diego  
& VA San Diego Healthcare System

Frederick W. Unverzagt  
Indiana University School of Medicine

Eli Vakil  
Bar Ilan University, Israel

Sandra Vanotti  
University of Buenos Aires & INEBA-  
Neurosciences Institute of Buenos Aires,  
Argentina

Ann D. Watts  
Entabeni Hospital, South Africa

Kathleen A. Welsh-Bohmer  
Duke 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:** Stephen M. Rao, Ph.D., Editor-in-Chief, *Journal of the International Neuropsychological Society*, Cleveland Clinic, Neurological Institute, 9500 Euclid Avenue / U10, Cleveland, OH 44195. E-mail: jins@cambridge.org; Telephone: (216) 444-2330; Fax: (216) 445-0331.