

The Journal of Neuropsychiatry and Clinical Neurosciences

Official Journal of the American Neuropsychiatric Association

Editorial Board

The *Journal of Neuropsychiatry and Clinical Neurosciences* (ISSN 0895-0172), is published quarterly by the American Psychiatric Association (APA), 800 Maine Avenue SW, Suite 900, Washington, DC 20024. Copyright © 2019 American Psychiatric Association. The *Journal of Neuropsychiatry and Clinical Neurosciences* is protected by copyright and may not be reproduced in any manner without written permission. The *Journal* is abstracted/indexed in *Chemical Abstracts*, *Current Contents/Clinical Medicine*®, *EMBASE/Excerpta Medica*, *Index Medicus/MEDLINE/MEDLARS*, *PsycINFO*, *Psychological Abstracts*, *Research Alert*®, and *Sci Search*®. It is available through University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, MI 48106, in microform, electronic, or paper format.

Manuscript submissions should no longer be sent by mail. Please visit <http://mc.manuscriptcentral.com> to upload a paper online.

U.S. individual subscriptions are \$296 per year for 4 issues (\$236 for APA members); international subscriptions are \$445 per year (\$356 for APA members); online only subscriptions are \$265 per year. Institutional subscriptions are tier priced. For institutional site license information and pricing, please email us at institutions@psych.org, call (800) 368-5777 or visit www.appi.org/institutions.

Advertising inquiries may be directed to Tim Wolfinger at PMI, 30 East 33rd St., New York, NY 10016; (212) 904-0379; twolfinger@pminy.com.

APA is not responsible for statements made in this publication by contributors or advertisers. Unless stated, material in the *Journal of Neuropsychiatry and Clinical Neurosciences* does not reflect the endorsement, official attitude, or position of APA or the American Neuropsychiatric Association.

Periodicals postage paid at Washington, DC, and additional mailing offices. POSTMASTER: Send address changes to *Journal of Neuropsychiatry and Clinical Neurosciences*, 800 Maine Avenue SW, Suite 900, Washington, DC 20024.

Editor

David B. Arciniegas, M.D., FANPA

Deputy Editor

C. Alan Anderson, M.D., FANPA

Assistant to the Editors

T. Angelita Garcia, M.B.A.

Consulting Editors

C. Edward Coffey, M.D., FANPA
Thomas W. McAllister, M.D., FANPA
Fred Ovsiew, M.D., FANPA
David A. Silbersweig, M.D., FANPA
Jonathan M. Silver, M.D., FANPA

Associate Editors

Sheldon Benjamin, M.D., FANPA
Deborah Black, M.D., Ph.D., FANPA
Kevin J. Black, M.D., FANPA
John J. Campbell, M.D., FANPA
Miles Cunningham, M.D., FANPA
Kirk Daffner, M.D.
Christopher M. Filley, M.D.
Richard B. Ferrell, M.D., FANPA
Laura A. Flashman, Ph.D., FANPA
Yonas E. Geda, M.D., FANPA
Daniel I. Kaufer, M.D., FANPA
W. Curt LaFrance, M.D., FANPA
Edward C. Lauterbach, M.D., FANPA
Mario Mendez, M.D., Ph.D., FANPA
Charles Nemeroff, M.D., Ph.D.
Robert G. Robinson, M.D., FANPA
Jay Salpekar, M.D., FANPA
Jeremy Schmahmann, M.D., FANPA
Paula T. Trzepacz, M.D., FANPA
Valerie Voon, M.D., Ph.D., FANPA
Hal S. Wortzel, M.D., FANPA

Editor Emeritus

Stuart C. Yudofsky, M.D.

ANPA Abstract Editor

Kaloyan S. Tanev, M.D., FANPA

Book Review Editor

Michael Schrift, D.O., M.A., FANPA

Neuropsychiatry Classics Editor

Margo Lauterbach, M.D., FANPA

Windows to the Brain Editors

Robin A. Hurley, M.D., FANPA
Katherine H. Taber, Ph.D., FANPA

American Psychiatric Association Publishing

John McDuffie
Publisher

Michael D. Roy
Editorial Director, Journals

Demarie Jackson
Managing Editor

Angela Moore
Editorial Manager

Susan Westrate
Production Manager, Journals

Heidi Koch
Editorial Support Services Manager

Efrem Tuquabo
Editorial Assistant

Patrick Hansard
Director of Marketing and Sales

AMERICAN
PSYCHIATRIC
ASSOCIATION
PUBLISHING



Please visit the Journal's website at neuro.psychiatryonline.org