Publishing Rebecca D. Rinehart Publisher

> Michael Rov Editorial Director, Journals Angela Moore Editorial Manager Susan Westrate Production Manager, Journals Heidi Koch Editorial Support Services Manager Patrick Hansard Director of Marketing and Sales Christopher Keene Sales Manager

AMERICAN **PSYCHIATRIC** ASSOCIATION

Neuropsychiatry Classics Editor Thomas C. Neylan, M.D.

Book Review Editor Michael Schrift, D.O., M.A.

Windows to the Brain Editors Robin A. Hurley, M.D. L. Anne Hayman, M.D. Katherine H. Taber, Ph.D.

American Psychiatric Association

PUBLISHING

The Journal of Neuropsychiatry and Clinical Neurosciences (ISSN 0895-0172), is published quarterly by the American Psychiatric Association (APA), 1000 Wilson Blvd., Suite 1825, Arlington, VA 22209. Copyright © 2016 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 of Neuropsychiatry and Clinical Neurosciences 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 \$260 per year for 4 issues (\$208 for APA members); international subscriptions are \$392 per year (\$234 for online only). APA International Members receive a 20% discount off the online only rate for an individual online subscription. Institutional subscriptions are tier priced. For institutional site license information and pricing, please email us at appi@psych.org, call (800) 368-5777 or visit www.appi.org//ForLibrarians/. The Journal of Neuropsychiatry and Clinical Neurosciences, 1000 Wilson Blvd., Suite 1825, Arlington, VA 22209.

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 Arlington, VA, and additional mailing offices. POSTMAS-TER: Send address changes to the Journal of Neuropsychiatry and Clinical Neurosciences, 1000 Wilson Blvd., Suite 1825, Arlington, VA 22209.

Editorial Board

Editor David B. Arciniegas, M.D.

Editor Emeritus Stuart C. Yudofsky, M.D.

Deputy Editor C. Alan Anderson, M.D.

Assistant to the Editors T. Angelita Garcia, M.B.A.

Consulting Editors C. Edward Coffey, M.D. Thomas W. McAllister, M.D. Henry Nasrallah, M.D. Fred Ovsiew, M.D. Jonathan M. Silver, M.D.

Associate Editors Sheldon Benjamin, M.D.

Kevin J. Black, M.D. Nashaat N. Boutros, M.D. John J. Campbell, M.D. Miles Cunningham, M.D. Michael Ebert, M.D. Richard B. Ferrell, M.D. Laura A. Flashman, Ph.D. Yonas E. Geda, M.D. Daniel I. Kaufer, M.D. W. Curt LaFrance, M.D. Edward C. Lauterbach, M.D. Mario Mendez, M.D., Ph.D. Charles Nemeroff, M.D., Ph.D. Trevor R. P. Price, M.D. Robert G. Robinson, M.D. David A. Silbersweig, M.D. Robert Stern, Ph.D. Kaloyan S. Tanev, M.D. Paula T. Trzepacz, M.D. Hal S. Wortzel, M.D.

The Journal of Neuropsychiatry and Clinical Neurosciences

Official Journal of the American Neuropsychiatric Association