

The ARCHIVES OF GENERAL PSYCHIATRY is a member of the consortium of AMA journals listed below. The complete text of all AMA journals is available online from Dialog Information Services and Information Access Company.

The Journal of the American Medical Association (JAMA)

- Archives of Dermatology**
- Archives of Family Medicine**
- Archives of General Psychiatry**
- Archives of Internal Medicine**
- Archives of Neurology**
- Archives of Ophthalmology**
- Archives of Otolaryngology-Head & Neck Surgery**
- Archives of Pathology & Laboratory Medicine**
- Archives of Pediatrics & Adolescent Medicine**
- Archives of Surgery**

The ARCHIVES OF GENERAL PSYCHIATRY (ISSN 0003-990x) is published monthly by the American Medical Association, 515 N State St, Chicago, IL 60610, and is an official publication of the Association. The ARCHIVES OF GENERAL PSYCHIATRY reaches more than 27 700 readers in over 79 countries each month. Periodicals postage rates paid at Chicago, IL and at additional mailing offices. GST registration number: 12622 5556 RT. Canada Post International Publications Mail (Canadian Distribution) Sales Agreement No. 318633.

Printed in the USA.

SUBSCRIPTION RATES—The personal subscription rates for the ARCHIVES OF GENERAL PSYCHIATRY are \$110 for 1 year (12 issues) in the United States and US possessions; \$145 in the Americas; £93 outside the Americas. The institution rates for 1 year are \$154 in the United States; \$193 in the Americas; £124 outside the Americas. Special rates for residents and medical students are available. Address all subscription communications to: Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. Phone: (800) 262-2350. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to ARCHIVES OF GENERAL PSYCHIATRY, c/o Subscriber Services, American Medical Association, 515 N State St, Chicago, IL 60610. Please notify us of address change at least 6 weeks in advance to ensure uninterrupted service. Include both old and new addresses, a recent mailing label, and new ZIP code. For mailing addresses outside the United States and US possessions, see International Subscription Information.

SUBSCRIBER SERVICES—For information about subscribing to any of the AMA publications, change of address, missing issues, or purchasing back issues, please contact Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946, or call (800) 262-2350 or (312) 670-SUBS (670-7827) between 8:30 AM and 4:30 PM CST. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

INTERNATIONAL SUBSCRIPTION INFORMATION—Subscriptions outside the United States and US possessions are served according to geographic region. Please address correspondence to the following 2 offices based on delivery address: (1) For delivery in North America, Central America, and South America, contact Subscriber Services, AMA, PO Box 10946, Chicago, IL 60610-0946. Phone: (312) 670-7827. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. (2) For delivery outside the Americas, contact JAMA & Archives Journals, Reader Services Centre, PO Box 299, London WC1H 9TD, England, Phone: +44 (0)171-383-6270. Fax: +44 (0)171-383-6402. E-mail: bmjsubs@dial.pipex.com.

REPRINTS—Authors place their reprint order at the time the edited typescript is reviewed and should allow 4 to 6 weeks for delivery following publication. Requests for individual reprints should be sent directly to the author at the address shown in the article.

For bulk reprint orders for distribution by commercial organizations, please contact Wanda Bartolotta, 500 Fifth Ave, #2210, New York, NY 10110. Phone: (212) 354-0050. Fax: (212) 354-1169. E-mail: wanda_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Joseph R. Reakash, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

WORLD WIDE WEB ADDRESS—<http://www.ama-assn.org>.

GENERAL PSYCHIATRY HOME PAGE—<http://www.ama-assn.org/psych>.

PERMISSIONS—Contact Ada Jimenez-Walker, Permissions Assistant, 515 N State St, Chicago, IL 60610. Phone: (312) 464-2513.

ADVERTISING PRINCIPLES—Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.

Publication Staff
Offices: 515 N State St
Chicago, IL 60610

Editorial Processing Department, Archives Journals

Director: Paula Glitman
Manager: Vickey Golden
Freelance Manager: Diane L. Cannon
Freelance Coordinator: Connie Manno

Electronic Editing Specialist: Paul Frank
Assistant Electronic Editing Specialist: Monica Mungle

Copy Editors: Fran Buckley, Brenda Gregoline, Mary Kingzette, Bryan E. Steinmetz

Editorial Assistant: Celina Canchola

Scientific Information and Multimedia Group

Administrative Assistant: Helga Fritz

New Media Editorial Office

Editorial Director, New Media: William M. Silberg
Associate Editor: Marty Suter
Assistant Editors: Deborah Flapan, Neil Shankman
Staff Assistant: Marla A. Hall

Production & Distribution Division

Manager, Budgets & Costs: Bonnie Van Cleven
Publishing Manufacturing Analyst: Diane Darnell
Office Manager: Karen Branham
Senior Secretary: Shannon Epplett

Advertising & Production Department

Director: Karen Adams-Taylor
Manager, Advertising Services: Carole Piszker
Manager, Production Services: Susan Price

Production Associates: Debbie Camp, Betty Frigerio, Mari Guizzetti, Sarah Powell, Jennifer Reiling, Chad Sanderson, Mary Ann Schultz, Jo Anne Turner, Carmela Ware

Distribution
Distribution Manager: Paul Gaseiecki



Electronic Production Department

Director: Linda Knott
Manager, Composition: Phil Arko
Electronic Production Operators: Brenda Chandler, La'son J. Diggs, Mary Ann Kuranda, Amy Evers, Sandra Lopez

Manager, Graphics: Charl Richey
Graphics Operators: Joe Amft, JoAnne Weiskopf, Alicja Wojcik-Dunn

Manager, Proofreading: Teresa H. Omietek
Proofreaders: David Antos, Daniel James, Mary Kay Tinerella, Barbara Wojtowicz

Production Assistant: Ruth Sprague
Manager, Database & New Media: Mary Ellen Johnston
Indexer: Kathy Gaydar
Database Assistants: Gail Barrett, Melanie Parenti

Specialty Journal Division Office

Assistant to the Publisher: Christine Hearne

Publications Marketing & New Media Division

Administrative Assistant: Millette Jackson-Bates

Circulation Processing Department

Director: Beverly Martin

Circulation Development Department

Director: Bina Oza

Licensing & Permissions Department

Director: Norman Frankel
Permissions: Ada Jimenez-Walker
International Coordinator: Sharon Ali

Reprints

Reprint Coordinator: Joseph Reakash



ARCHIVES

OF

GENERAL PSYCHIATRY

VOL 55 NO. 4, APRIL 1998

NEWS AND VIEWS

- Proposals for Funding Graduate Medical Education: The Institute of Medicine Report in Context** 299
Roger C. Herdman, MD;
Rosemary A. Stevens, PhD

COMMENTARIES

- Half a Loaf: Is Compromise the Best Policy?** 303
Robert Michels, MD
- The Institute of Medicine Report on Graduate Medical Education** 307
Herbert Pardes, MD
- Comments on the Commentaries** 309
Roger C. Herdman, MD;
Rosemary A. Stevens, PhD

ORIGINAL ARTICLES

- Antidepressant Prescribing Practices of Outpatient Psychiatrists** 310
Mark Olfson, MD, MPH;
Steve C. Marcus, MA; Harold Alan Pincus, MD;
Julie M. Zito, PhD; James W. Thompson, MD, MPH;
Deborah A. Zarin, MD
- Treatment of Posttraumatic Stress Disorder by Exposure and/or Cognitive Restructuring: A Controlled Study** 317
Isaac Marks, MD; Karina Lovell, PhD;
Homa Noshirvani, MRCPsych;
Maria Livanou; Sian Thrasher, MSc
- A Functional Magnetic Resonance Imaging Study of Tic Suppression in Tourette Syndrome** 326
Bradley S. Peterson, MD; Pawel Skudlarski, PhD;
Adam W. Anderson, PhD; Heping Zhang, PhD;
J. Chris Gatenby, PhD; Cheryl M. Lacadie;
James F. Leckman, MD; John C. Gore, PhD

American Medical Association

Physicians dedicated to the health of America



Copyright 1998 by the American Medical Association. All rights reserved. Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

Lynn Jensen, PhD
Chief Operating Officer &
Interim Executive Vice President

George D. Lundberg, MD
Editor in Chief, Scientific
Information and Multimedia

Robert L. Kennett
Interim Senior Vice President,
Publishing & Business Services

Peter L. Payerli
Publisher

Vanessa Hayden
Director, Production &
Distribution Division

Cheryl Iverson
Director, Editorial Processing
Division

Geoffrey A. Flick
Manager, Marketing Services

Advertising Office: J. P. Cahill &
Associates, 341 S Waiola Ave, La
Grange, IL 60525 (708) 352-0322.
AMA Classified Advertising Department: Thalia Moss, 800-262-2260.

Use of Pattern Analysis to Predict Differential Relapse of Remitted Patients With Major Depression During 1 Year of Treatment With Fluoxetine or Placebo 334
Jonathan W. Stewart, MD; Frederic M. Quitkin, MD; Patrick J. McGrath, MD; Jay Amsterdam, MD; Maurizio Fava, MD; Jan Fawcett, MD; Frederick Reimherr, MD; Jerrold Rosenbaum, MD; Charles Beasley, MD; Paul Roback, MS

Proton Magnetic Resonance Spectroscopic Imaging of Cortical Gray and White Matter in Schizophrenia 346
Kelvin O. Lim, MD; Elfar Adalsteinsson, PhD; Daniel Spielman, PhD; Edith V. Sullivan, PhD; Margaret J. Rosenbloom, MA; Adolf Pfefferbaum, MD

Dose-Related Ethanol-like Effects of the NMDA Antagonist, Ketamine, in Recently Detoxified Alcoholics 354
John H. Krystal, MD; Ismene L. Petrakis, MD; Elizabeth Webb; Ned L. Cooney, PhD; Laurence P. Karper, MD; Sheila Namanworth; Philip Stetson, PhD; Louis A. Trevisan, MD; Dennis S. Charney, MD

Noise Stress Impairs Prefrontal Cortical Cognitive Function in Monkeys: Evidence for a Hyperdopaminergic Mechanism 362
Amy F. T. Arnsten, PhD; Patricia S. Goldman-Rakic, PhD

BOOK REVIEW

Comprehensive Textbook of Psychiatry (6th ed) on CD-ROM 370
H. I. Kaplan; B. J. Sadock
Reviewed by Yuval Bloch, MD; Daniel Mimouni, MD

OBITUARY

Jack D. Pressman, PhD, 1957-1997 372
George J. Makari, MD

REGULAR DEPARTMENTS

This Month in Archives of General Psychiatry 296

Classified Advertising 373

Index to Advertisers 376

Instructions for Authors—
See June 1997 issue, page 581, or visit the Web site at <http://www.ama-assn.org>.

ARCHIVES
 OF
GENERAL PSYCHIATRY

Editor:

Jack D. Barchas, MD
 Department of Psychiatry
 Cornell Medical Center
 525 E 68th St, Box 171
 New York, NY 10021
 Phone: (212) 746-3771
 Fax: (212) 746-3772

Associate Editor:

Peter M. Marzuk, MD
 New York, NY

Web Site Editor:

Francis S. Lee, MD, PhD
 New York, NY

Editorial Administrator:

Sheena Rumnit
 New York, NY

Editorial Board:

Huda Akil, PhD
 Ann Arbor, Mich
Ross J. Baldessarini, MD
 Belmont, Mass
Malcolm B. Bowers, Jr, MD
 New Haven, Conn
David L. Braff, MD
 San Diego, Calif
William T. Carpenter, Jr, MD
 Baltimore, Md
C. Robert Cloninger, MD
 St Louis, Mo
Joseph T. Coyle, MD
 Boston, Mass
Glen R. Elliott, PhD, MD
 San Francisco, Calif
Ellen Frank, PhD
 Pittsburgh, Pa

Richard M. Glass, MD
 Chicago, Ill
Frederick K. Goodwin, MD
 Bethesda, Md
Fritz A. Henn, PhD, MD
 Mannheim, Germany
Steven E. Hyman, MD
 Bethesda, Md
Kenneth S. Kendler, MD
 Richmond, Va
Donald F. Klein, MD
 New York, NY
Helena Chmura Kraemer, PhD
 Stanford, Calif
David J. Kupfer, MD
 Pittsburgh, Pa
Eric J. Nestler, MD, PhD
 New Haven, Conn

Grayson S. Norquist, MD
 Bethesda, Md
Charles P. O'Brien, MD, PhD
 Philadelphia, Pa
William Z. Potter, MD, PhD
 Indianapolis, Ind
Judith L. Rapoport, MD
 Bethesda, Md
Alan F. Schatzberg, MD
 Stanford, Calif
Gary L. Tischler, MD
 New York, NY
Stanley J. Watson, Jr, PhD, MD
 Ann Arbor, Mich
Myrna M. Weissman, PhD
 New York, NY
Kenneth B. Wells, MD, MPH
 Los Angeles, Calif