

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 directly from AMA as well as the following aggregators: Dialog Information Services, Proquest, Ovid Technologies, Inc, Gale Research, and EBSCO.

The Journal of the American Medical Association (JAMA)

- Archives of Dermatology
- Archives of Facial Plastic Surgery
- Archives of General Psychiatry
- Archives of Internal Medicine
- Archives of Neurology
- Archives of Ophthalmology
- Archives of Otolaryngology—Head & Neck Surgery
- 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 60610-0946, and is an official publication of the Association. The ARCHIVES OF GENERAL PSYCHIATRY reaches more than 31 000 readers in over 79 countries each month. Periodicals postage 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—

	Individual Print & Online	Individual Online Only
US	\$195	\$150
Americas	\$250	\$150
Rest of World	£175	£105
	Institution Print & Online	Institution Online Only
US	\$365	\$275
Americas	\$475	\$275
Rest of World	£310	£195

Rates for residents and medical students available.

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 the Americas, see below.

SUBSCRIPTION INFORMATION—Subscription inquiries for mailing addresses in the US and the Americas: For fastest service, direct inquiries regarding missing issues, address changes, subscription billing, subscription renewal, or back issue purchases as shown below: **AMA members:** Phone: 800-262-3211 between 8:30 AM-4:45 PM CST; Fax: 800-262-3221; E-mail: masc@ama-assn.org. **Other physicians and nonphysician customers:** Phone: 800-262-2350 or 312-670-7827 (same hours as above); Fax: 312-464-5831; E-mail: ama-subs@ama-assn.org. Mail inquiries should be directed to the Unified Service Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. For mailing addresses outside the US and the Americas: Contact JAMA and Archives Journals, American Medical Association, Tower House, Sovereign Park, Market Harborough, Leicestershire LE15 9EF, UK. Phone: +44 (0) 1858-438880; Fax: +44 (0) 1858-434958; E-mail: ama@subscription.co.uk.

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, 2441 84th St, Brooklyn, NY 11214. Phone: (718) 946-7424. Fax: (718) 946-7372. E-mail: wanda_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Reprints Coordinator, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

PERMISSIONS—Contact Rhonda Bailey, 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.

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

GENERAL PSYCHIATRY HOME PAGE—<http://www.archgenpsychiatry.com>

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

Editorial Processing Department

Department Director: Paula Glitman
Copyediting Manager: Brenda Gregoline
Freelance Copyediting Manager: Diane L. Cannon
Freelance Copyediting Coordinators: Lauren B. Fischer, Connie Manno
Editorial Systems Managers: Paul Frank, Monica Mungle
Systems Programmer/Internet Specialist: J. D. Neff
Senior Copy Editor: Vickey Golden
Copy Editors: Juana N. Llorens, Rachel Novickas, Cheryl L. Tobey, Rachel Bodzin Young
Editorial Assistant: Wanda Hill

Scientific Publications & Multimedia Applications

Assistant to the Editor: Helga Fritz

Scientific Online Resources

Director: Margaret Winker, MD
Electronic Media Department Director: Michelle Kurzynski
Associate Web Editors: Katherine Behar, Erin M. Giannini
Web Office Manager: Marla A. Hall

Publishing Operations Division

Division Director: Vanessa Hayden
Directors: Karen Adams-Taylor, Paul Gasiecki
Managers: David Antos, Debbie Camp, Karl Elvin, Betty Frigerio, Mary Ellen Johnston, Susan Price, Charl Richey, Carmela Ware

Advertising and Production Services

LaWanda Brown, Susan Chiara, Mary Anne Donley, Euwanaha Joiner-Smith, Brian McCartney, Noemi Olmo, Sarah Powell, Denise Steinhauser, Ellen Yoshihara
Composition: Rebecca Aiken, Brenda Chandler-Grayer, Amy Evers, Fred Furtner, Mary Ann Kuranda, Sandra Lopez
Database & New Media: Bruce McGregor (indexer), Clifford O. Barrett, Gail Barrett, Regina Brownlee, Rowena F. Dagang, John Marcinek, La'son Diggs Sledge, Angela Smits
Distribution: Linda Alexander
Graphics: Joe Amft, Carolyn Hall, Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf
Proofreading: Carol Joy Farrell, Daniel James, Teresa H. Omietek, Mary Kay Timerella, Barbara Wojtowicz, Agnes A. Zarkadas

Circulation & Classified Advertising Division

Division Director: Curt Reilly
Administrative Assistant: Christine Hearn
Circulation Services Director: Sue Sherrill
Administrative Secretary: Bernadette Bauer
Systems Manager: Alfred Tomaselli
Assistant Applications Administrator: Julie Burton
Manager: J. Patrick Lupton
Specialist: Kathryn Osten
Circulation Sales & Marketing Managers: Michael McGraw, Vida Damijonaitis
Sales Representatives: Sandra Garzon, Donna Goldman
Classified Advertising Manager: Thalia Moss
Sales Representatives: Ana Dirksen, Jessica Hauser, Trina Rizzo, Barbara Van Wagner

**Physician Marketplace—
Classified Advertising:** (800) 262-2260

Advertising Sales & Marketing

Division Director: Peter J. Murphy
Account Manager: John P. Cahill (Nationally) (708) 352-0322
Advertising Office: J. P. Cahill & Associates
341 S Waiola Avenue
La Grange, IL 60525
(708) 352-0322
Publishing Manager: Geoffrey A. Flick

International Licensing & Publishing Affairs

Director: William Fox

Online Business & CME

Publisher: Bonnie Chi-Lum, MD, MPH
Director: Norman Frankel, PhD
Permissions: Rhonda Bailey

JAMA/Archives Media Relations

Director: Jann Ingmire
(312) 464-5374
jann_ingmire@ama-assn.org



ARCHIVES

OF

GENERAL PSYCHIATRY

AUGUST 2002 VOLUME 59, NUMBER 8 PAGES 677-764

ORIGINAL ARTICLES

Mismatch Negativity in Chronic Schizophrenia and First-Episode Schizophrenia 686

Dean F. Salisbury, PhD;
Martha E. Shenton, PhD;
Carlye B. Griggs, BA;
Aaron Bonner-Jackson;
Robert W. McCarley, MD

Sensory Information Processing in Neuroleptic-Naive First-Episode Schizophrenic Patients: A Functional Magnetic Resonance Imaging Study 696

Dieter F. Braus, MD;
Wolfgang Weber-Fahr, PhD;
Heike Tost, MSc;
Matthias Ruf, MSc;
Fritz A. Henn, PhD, MD

Evidence for Decreased DARPP-32 in the Prefrontal Cortex of Patients With Schizophrenia 705

Katherine A. Albert, MD, PhD;
Hugh C. Hemmings, Jr, MD, PhD;
Anna I. B. Adamo, RT;
Steven G. Potkin, MD;
Schahram Akbarian, MD, PhD;
Curt A. Sandman, PhD;
Carl W. Cotman, PhD;
William E. Bunney, Jr, MD;
Paul Greengard, PhD

A Randomized Comparison of Group Cognitive-Behavioral Therapy and Group Interpersonal Psychotherapy for the Treatment of Overweight Individuals With Binge-Eating Disorder 713

Denise E. Wilfley, PhD;
R. Robinson Welch, PhD;
Richard I. Stein, PhD;
Emily Borman Spurrell, PhD;
Lisa R. Cohen, PhD;
Brian E. Saelens, PhD;
Jennifer Zoler Douchis, BA;
Mary Ann Frank, PhD;
Claire V. Wiseman, PhD;
Georg E. Matt, PhD

Psychosocial Outcomes Following Long-term, Double-blind Treatment of Chronic Depression With Sertraline vs Placebo 723

James H. Kocsis, MD;
Alan Schatzberg, MD;
A. John Rush, MD;
Daniel N. Klein, PhD;
Robert Howland, MD;
Leah Gniwesch, PhD;
Sonia M. Davis, DrPH;
Wilma Harrison, MD

Predictors of Early Recovery From Major Depression Among Persons Admitted to Community-Based Clinics: An Observational Study 729

Barnett S. Meyers, MD; Jo Anne Sirey, PhD;
Martha Bruce, PhD; Mimi Hamilton, PhD;
Patrick Raue, PhD; Steven J. Friedman, MS;
Cynthia Rickey, MS; Tatsu Kakuma, PhD;
Melissa K. Carroll; Dimitris Kiosses, PhD;
George Alexopoulos, MD

JAMA
&
ARCHIVES
JOURNALS
American Medical Association

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.

Catherine D. DeAngelis, MD, MPH
Editor in Chief, Scientific Publications
& Multimedia Applications

Nawin Gupta, PhD
Group Publisher

Cheryl Iverson
Managing Editor

Michael D. Maves, MD, MBA
Executive Vice President,
Chief Executive Officer

Robert A. Musacchio, PhD
Senior Vice President,
Publishing & Business Services

Copyright 2002 by the American Medical Association. All rights reserved.
Reproduction without permission is prohibited.

Diagnostic Reliability of Bipolar II Disorder
Sylvia G. Simpson, MD;
Francis J. McMahon, MD;
Melvin G. McInnis, MD;
Dean F. MacKinnon, MD;
David Edwin, PhD;
Susan E. Folstein, MD;
J. Raymond DePaulo, MD

736

P3 Event-Related Potential Amplitude and the Risk for Disinhibitory Disorders in Adolescent Boys
William G. Iacono, PhD;
Scott R. Carlson, BA;
Stephen M. Malone, PhD;
Matthew McGue, PhD

750

Childhood Adversities, Interpersonal Difficulties, and Risk for Suicide Attempts During Late Adolescence and Early Adulthood
Jeffrey G. Johnson, PhD;
Patricia Cohen, PhD;
Madelyn S. Gould, PhD;
Stephanie Kasen, PhD;
Jocelyn Brown, MD;
Judith S. Brook, PhD

741

This Month in Archives of General Psychiatry 685

Physician Marketplace 759

Index to Advertisers 764

Instructions for Authors—
See January 2002 issue, page 94, or visit the Web site at <http://www.archgenpsychiatry.com>

REGULAR DEPARTMENTS

ARCHIVES OF GENERAL PSYCHIATRY

Editor:

Joseph T. Coyle, MD
McLean Hospital
115 Mill St
Belmont, MA 02478
Phone: (617) 855-2101
Fax: (617) 855-2705

Editorial Assistant:

Frances MacNeil
Belmont, Mass

Editorial Board:

Huda Akil, PhD
Ann Arbor, Mich
Ross J. Baldessarini, MD
Belmont, Mass
Floyd E. Bloom, MD
La Jolla, Calif
Malcolm B. Bowers, Jr, MD
New Haven, Conn
David L. Braff, MD
San Diego, Calif
William T. Carpenter, Jr, MD
Baltimore, Md
Raymond J. Dolan, MD
London, England
Felton Earls, MD
Cambridge, Mass
Ellen Frank, PhD
Pittsburgh, Pa
Richard M. Glass, MD
Chicago, Ill

Frederick K. Goodwin, MD
Bethesda, Md
James C. Harris, MD
Baltimore, Md
Fritz A. Henn, PhD, MD
Mannheim, Germany
Steven E. Hyman, MD
Bethesda, Md
Kenneth S. Kendler, MD
Richmond, Va
Kenneth K. Kidd, PhD
New Haven, Conn
Donald F. Klein, MD
New York, NY
Helena Chmura Kraemer, PhD
Stanford, Calif
David J. Kupfer, MD
Pittsburgh, Pa
Herbert Y. Meltzer, MD
Nashville, Tenn
Grayson S. Norquist, MD
Bethesda, Md
Charles P. O'Brien, MD, PhD
Philadelphia, Pa

Michael Posner, MD
New York, NY
Judith L. Rapoport, MD
Bethesda, Md
Alan F. Schatzberg, MD
Stanford, Calif
Goran Sedvall, MD
Stockholm, Sweden
Ronald J. Steingard, MD
Worcester, Mass
Gary L. Tischler, MD
New York, NY
Ming T. Tsuang, MD, PhD
Boston, Mass
Stanley J. Watson, Jr, PhD, MD
Ann Arbor, Mich
Myrna M. Weissman, PhD
New York, NY
Kenneth B. Wells, MD, MPH
Los Angeles, Calif