

PSYCHOSOMATICS

The Journal of Consultation
and Liaison Psychiatry

Editor-in-Chief

THEODORE A. STERN, M.D.

Deputy Editors

RICHARD C. W. HALL, M.D.
JAMES L. LEVENSON, M.D.
MARGARET L. STUBER, M.D.

Book Review Editor

JASON P. CAPLAN, M.D.

Med-Psych Drug-Drug Interactions Update Editors

NEIL B. SANDSON, M.D.
KELLY L. COZZA, M.D.

Clinical Review Editors

CONSTANTINE G. LYKETSOS, M.D., F.A.P.M.
JAMES L. LEVENSON, M.D.

Statistical Consultant

MICHAEL J. SHERIDAN, Sc.D.

Psychometric Consultant

LEONARD R. DEROGATIS, Ph.D.

Assistant Editors

THOMAS P. BERESFORD, M.D. Denver, Colo.	FREDERIK J. HUYSE, M.D., Ph.D. Amsterdam, The Netherlands
ROBERT BOLAND, M.D. Providence, R.I.	ROGER G. KATHOL, M.D. Burnsville, Minn.
EDWIN H. CASSEM, M.D. Boston, Mass.	KURT KROENKE, M.D. Indianapolis, Ind.
MARY ANN A. COHEN, M.D. New York, N.Y.	DOMINIQUE L. MUSSELMAN Atlanta, Ga.
CATHERINE C. CRONE, M.D. Falls Church, Va.	MICHAEL K. POPKIN, M.D. Minneapolis, Minn.
ANDREA DIMARTINI, M.D. Pittsburgh, Pa.	STEVEN M. SARAVAY, M.D., F.A.P.M. Roslyn Heights, N.Y.
JOEL E. DIMSDALE, M.D. San Diego, Calif.	MAURICE D. STEINBERG, M.D., F.A.P.M. Great Neck, N.Y.
STEPHEN A. EPSTEIN, M.D. Bethesda, Md.	JOSHUA L. STRAUS, M.D. Chicago, Ill.
PER FINK, M.D., Ph.D., DR.MED.SC. Aarhus, Denmark	PAULA T. TRZEPACZ, M.D. Indianapolis, Ind.
RICHARD J. GOLDBERG, M.D. Providence, R.I.	LAWSON R. WULSIN, M.D. Cincinnati, Ohio

Program Chair

STEPHEN A. EPSTEIN, M.D., F.A.P.M.
Washington, D.C.

Assistant Editors

JOHN V. CAMPO, M.D. Columbus, Ohio	GREGORY K. FRITZ, M.D. Providence, R.I.
MARY LYNN DELL, M.D. Atlanta, Ga.	JOHN P. GLAZER, M.D. Cleveland, Ohio
DAVID R. DeMASO, M.D. Boston, Mass.	HANS STEINER, M.D., F.A.P.M. Stanford, Calif.

Academy Officers

President

CAROL L. ALTER, M.D., F.A.P.M.
Bethesda, Md.

President-Elect

DAVID F. GITLIN, M.D., F.A.P.M.
Boston, Mass.

Vice President

JOHN L. SHUSTER, JR., M.D., F.A.P.M.
Tuscaloosa, Ala.

Secretary

DONALD L. ROSENSTEIN, M.D., F.A.P.M.
Bethesda, Md.

Treasurer

WAYNE KATON, M.D., F.A.P.M.
Seattle, Wa.

Immediate Past Presidents and

Executive Council

CONSTANTINE G. LYKETSOS, M.D., F.A.P.M.
Baltimore, Md.

WILLIAM S. BREITBART, M.D., F.A.P.M.
New York, N.Y.

STEVEN M. SARAVAY, M.D., F.A.P.M.
Roslyn Heights, N.Y.

PAULA T. TRZEPACZ, M.D., F.A.P.M.
Indianapolis, Ind.

ROBERT BOLAND, M.D., F.A.P.M.
Providence, R.I.

CATHERINE C. CRONE, M.D., F.A.P.M.
Falls Church, Va.

ANDREA DIMARTINI, M.D., F.A.P.M.
Pittsburgh, Pa.

STEPHEN A. EPSTEIN, M.D., F.A.P.M.
Washington, D.C.

LINDA K. GANZINI, M.D., F.A.P.M.
Portland, Or.

FRITS J. HUYSE, M.D., F.A.P.M.
Groningen, The Netherlands

PHILIP R. MUSKIN, M.D., F.A.P.M.
New York, N.Y.

MARYLAND PAO, M.D., F.A.P.M.
Bethesda, Md.

CHRISTINE E. SKOTZKO, M.D., F.A.P.M.
New Brunswick, N.J.

MAURICE D. STEINBERG, M.D., F.A.P.M.
Great Neck, N.Y.

LINDA L.M. WORLEY, M.D., F.A.P.M.
Little Rock, Ark.

LAWSON WULSIN, M.D., F.A.P.M.
Cincinnati, Oh.

Executive Director

NORMAN WALLIS, Ph.D.

Academy Coordinator

KRISTEN FLEMMING

Academy of Psychosomatic Medicine
5272 River Road, Suite 630, Bethesda MD 20816
Telephone: (301) 718-6520
FAX: (301) 656-0989

PSYCHOSOMATICS

The Journal of Consultation
and Liaison Psychiatry



**2008–2009
Board of Directors**

KATHARINE PHILLIPS, M.D.
Chairman and President

DONNA M. NORRIS, M.D.
Secretary

JOAN A. LANG, M.D.
Treasurer

DWIGHT L. EVANS, M.D.

JOHN M. OLDHAM, M.D., M.S.

LAURA WEISS ROBERTS, M.D.

DONNA E. STEWART, M.D., F.R.C.P.(C.)

Ex Officio Members

NADA L. STOTLAND, M.D., M.P.H.
President, APA

PEDRO RUIZ, M.D.
Past President, APA

ALAN F. SCHATZBERG, M.D.
President-Elect, APA

DAVID FASSLER, M.D.
Secretary-Treasurer, APA

JAMES H. SCULLY, JR., M.D.
Medical Director, APA

HOWARD GOLDMAN, M.D.
Editor, Psychiatric Services

ROBERT E. HALES, M.D., M.B.A.
Editor-in-Chief, Books

RONALD E. MCMILLEN
Chief Executive Officer

*American Psychiatric Publishing, Inc.
Journals Division*

MICHAEL D. ROY
Editorial Director

ELIZABETH STONE
Senior Editor

KOURTNEY SKINNER
Editorial Support Services Manager

LINDA LACOUR
Editorial Assistant

BOB PURSELL
Director of Sales and Marketing

JULIE C. BLAIR
Production Manager

TRANG DUONG
Institutional Sales Manager

STEVE HENNESSEY
Graphic Designer

Psychosomatics, the Journal of the Academy of Psychosomatic Medicine (ISSN 0033-3182), is published bimonthly by American Psychiatric Publishing, Inc., 1000 Wilson Blvd., Suite 1825, Arlington, VA 22209-3901. Copyright © 2009 The Academy of Psychosomatic Medicine.

Psychosomatics is protected by copyright and may not be reproduced in any manner without written permission.

Psychosomatics uses a Web-based manuscript submission and tracking system called Manuscript Central. To submit your paper, visit the web site at <http://mc.manuscriptcentral.com/appi> and either create an account or use your existing account. Then follow the instructions to upload your manuscript.

Subscriptions (per year): individual \$209.00, international \$247.00. For additional subscription options, including single issues, international, and student rates, please contact Customer Service at 1-800-368-5777 or email appi@psych.org. Institutional subscriptions are tier priced. For institutional site license or pricing information, contact Customer Service or visit <http://highwire.stanford.edu/tfocis/>.

Membership inquiries may be addressed to Norman Wallis, Ph.D., Executive Director, Academy of Psychosomatic Medicine, 5272 River Road, Suite 630, Bethesda, MD 20816; (301) 718-6520. Academy members receive *Psychosomatics* as a perk of membership.

Advertising inquiries may be directed to American Psychiatric Publishing, Inc. (703-907-7330).

American Psychiatric Publishing, Inc., and the Academy of Psychosomatic Medicine do not hold themselves responsible for statements made in this publication by contributors or advertisers. Unless stated, material in *Psychosomatics* does not reflect the endorsement, official attitude, or position of the American Psychiatric Publishing, Inc., or of the Academy.

Psychosomatics is abstracted/indexed in *Biological Abstracts*, *Chemical Abstracts*, *Current Contents*, *EMBASE/Excerpta Medica*, *Index Medicus*, *Nutrition Abstracts*, *PsycINFO*, *Psychological Abstracts*, *SCI*, *SSCI*, *Adolescent Mental Health Abstracts*, and *CINAHL*.

Psychosomatics is available through University Microfilms, Inc., 300 N. Zeeb Road, Ann Arbor, MI 48106, in one or more of the following formats: microform, electronic, or paper.

Periodicals postage paid at Arlington, VA, and additional mailing offices. POSTMASTER: Send address changes to *Psychosomatics*, American Psychiatric Publishing, Inc., 1000 Wilson Blvd., Suite 1825, Arlington, VA 22209-3901.

Please visit the Journal's web site at <http://psy.psychiatryonline.org>