

EDITORIAL STAFF

Deputy Editors Michael Berkwits, MD, MSCE, Robert M. Golub, MD, Ronna Henry, MD, Edward H. Livingston, MD

Executive Managing Editor Annette Flanagan

Managing Editor Stacy L. Christiansen

Senior Editors Mary McGrae McDermott, MD, Jody W. Zylke, MD

Contributing Deputy Editor Drummond Rennie, MD

Associate Senior Editor Roxanne K. Young

Associate Editors Derek C. Angus, MD, MPH, Charlene Breedlove, Anne Rentoumis Cappola, MD, ScM, Huan J. Chang, MD, MPH, Helene M. Cole, MD, Thomas B. Cole, MD, MPH, W. Gregory Feero, MD, PhD, J. Michael Gaziano, MD, MPH, Richard M. Glass, MD, Donald C. Goff, MD, Preeti N. Malani, MD, MSJ, David H. Mark, MD, MPH, Robert A. McNutt, MD, George T. O'Connor, MD, MS, Boris Pasche, MD, PhD, Eric D. Peterson, MD, MPH, Jeffrey L. Saver, MD, Jeanette M. Smith, MD, Wolfgang C. Winkelmayr, MD, MPH, ScD, John L. Zeller, MD, PhD

Statistical Reviewers Joseph S. Wislar, MS, Naomi Vaisrub, PhD, Thomas D. Koepsell, MD, MPH, Roger J. Lewis, MD, PhD, Denise M. Scholtens, PhD, Alan B. Zonderman, PhD

Fishbein Fellow Jill Jin, MD, MPH

Contributing Writers Robert H. Brook, MD, ScD, Nicholas A. Christakis, MD, PhD, MPH, Allan S. Detsky, MD, PhD, Elliott S. Fisher, MD, MPH, Lawrence O. Gostin, JD, John P. A. Ioannidis, MD, DSc, Ashish K. Jha, MD, MPH, David S. Ludwig, MD, PhD, Howard Markel, MD, PhD, Steven E. Nissen, MD, Bruce M. Psaty, MD, PhD, Stephen M. Shortell, PhD, MPH, MBA, Robert Steinbrook, MD, Mary E. Tinetti, MD, Abraham Verghese, MD, Kevin Volpp, MD, PhD, Jason Wang, MD, PhD, Steven H. Woolf, MD, MPH

Medical News & Perspectives Joan Stephenson, PhD (editor); Bridget M. Kuehn, MSJ, Mike Mitka, MSJ (senior staff writers); Rebecca Voelker, MSJ (associate managing editor)

Assistant Editors Carrie Butt, Kate Pezalla, Jennifer Reiling

Manuscript Editing Emily A. Greenhow, Joy K. Jaeger, Phil Sefton, Kristine B. Simmons, Beverly Stewart (senior manuscript editors); Kim S. P. Campbell, Lila Haille (manuscript editors); Heather Shebel, Cara Wallace (freelance manuscript editors)

Editorial Graphics Cassio Lynn, Alison E. Burke (senior medical illustrators); Joshua C. Bird (medical illustrator); David Song (editorial assistant)

Electronic Media Michelle Kurzynski (director, development and design); Eric Butkus, Christopher Hastings, Craig McCaffrey (developers/designers); Reuben Rios (web administrative assistant)

Editorial Systems and Services Monica Mungle (director); J. D. Neff (associate developer)

Content Management System Larry Bryant (director); Paul Frank (systems administrator)

Editorial Systems and Administration Elaine Williams (director); Gale Saulsberry (database specialist); Lenette Gardner-Gullens (electronic input supervisor); Fanny L. Brown, Michaela Mark (electronic input assistants)

Administration Marla A. Hall (director); Gloria Tate (supervisor); Deanna M. Willis (staff assistant); Yolanda Davis (copyright/library services coordinator)

Editorial Assistants Mary Cannon, Susan Collister, Carmina Conley, Dawn Cortez, Georgia Eaton, Audrey Forman, Gwenn Gregg, Lisa Hardin, Rachell M. Lozano, Rosa E. Miranda, Lupe Morales, Cheryl Sykes

Editorial Counsel Joseph P. Thornton, JD

Media Relations Jann Ingmire (director); Jim Michalski, Deanna Bellandi

EDITORIAL BOARD

Donald M. Berwick, MD, MPP, Newton, Massachusetts

Christine K. Cassel, MD, Philadelphia, Pennsylvania

Carolyn M. Clancy, MD, Silver Spring, Maryland

Jordan J. Cohen, MD, Washington, DC

Ezekiel J. Emanuel, MD, PhD, Philadelphia, Pennsylvania

Thomas R. Frieden, MD, MPH, Atlanta, Georgia

Michael M. E. Johns, MD, Atlanta, Georgia

Donald A. B. Lindberg, MD, Bethesda, Maryland

C. David Naylor, MD, DPhil, Toronto, Ontario, Canada

Uwe E. Reinhardt, PhD, Princeton, New Jersey

Griffin Rodgers, MD, Bethesda, Maryland

Joshua M. Sharfstein, MD, Baltimore, Maryland

Harold C. Sox, MD, Hanover, New Hampshire

Lars Wallentin, MD, PhD, Uppsala, Sweden

John E. L. Wong, MBBS, Singapore

FORMER EDITORS

Nathan S. Davis, MD (1883-1888)

John B. Hamilton, MD (1889, 1893-1898)

John H. Hollister, MD (1889-1891)

James C. Culbertson, MD (1891-1893)

Truman W. Miller, MD (1899)

George H. Simmons, MD (1899-1924)

Morris Fishbein, MD (1924-1949)

Austin Smith, MD (1949-1958)

Johnson F. Hammond, MD (1958-1959)

John H. Talbott, MD (1959-1969)

Hugh H. Hussey, MD (1970-1973)

Robert H. Moser, MD (1973-1975)

William R. Barclay, MD (1975-1982)

George D. Lundberg, MD (1982-1999)

Catherine D. DeAngelis, MD, MPH (2000-2011), Editor in Chief Emerita

THE JAMA NETWORK EDITORIAL BOARD

Neil Bressler, MD
Editor, *JAMA Ophthalmology*

Joseph T. Coyle, MD
Editor, *JAMA Psychiatry*

Julie Freischlag, MD
Editor, *JAMA Surgery*

Wayne F. Larrabee Jr, MD
Editor, *JAMA Facial Plastic Surgery*

Paul A. Levine, MD
Editor, *JAMA Otolaryngology—Head & Neck Surgery*

Rita F. Redberg, MD, MSc
Editor, *JAMA Internal Medicine*

Frederick P. Rivara, MD, MPH
Editor, *JAMA Pediatrics*

June K. Robinson, MD
Editor, *JAMA Dermatology*

Roger N. Rosenberg, MD
Editor, *JAMA Neurology*

JOURNAL OVERSIGHT COMMITTEE

Edward H. Shortliffe, MD, PhD (chair), New York, New York, and Scottsdale, Arizona

Kent R. Anderson, Needham, Massachusetts

Karen Antman, MD, Boston, Massachusetts

Raynard S. Kington, MD, PhD, Grinnell, Iowa

Steven L. Kanter, MD, Pittsburgh, Pennsylvania

James L. Madara, MD, Chicago, Illinois

Claire Pomeroy, MD, MBA, Sacramento, California

JAMA[®]

PERIODICAL PUBLICATIONS STAFF

Senior Vice President and Publisher, Periodical Publications

Thomas J. Easley

Staff

Monica Smith

BUSINESS OPERATIONS

Directors Karen Adams-Taylor, Karl Elvin, Sue Sherrill, Brian Shields

Managers David Antos, Chris Borden, Debbie Camp, Lydia Cruz, Diane Darnell, Colleen Kelly, Chris Meyer, Emily Mitchell, Jaye Mize, Sean O'Donnell, Sean Ohlson, Phil O'Leary, Ryan Patella, Susan Price, Denise Steinhauser

Advertising and Production Services Kim Boler, Rhonda Bailey Brown, Timothy Burke, Susan Chiara, Daniel DeGroot, Jordynn Farrar, Euwanaha Joiner-Smith, Tiffany Jones, Cindy Rendlen, Ellen Yoshihara

Circulation Services Julie Burton, Dexter Golden, Erin Hinchliff, Noemi Rivera, Geneine Van Someren

Composition and New Media Gail Barrett, Regina Brownlee, Brenda Chandler-Grayer, Scott Curl, Amy Evers, Teri Hutchison, Mary Ann Kuranda, Joshua Lampinen, Fred Marshall, Patricia E. Panek, La'son Diggs Sledge, George Thomson

Graphics Joe Amft, Maria Duda, Fred Furtner, Carolyn Hall, Maria Kowalkowski

Proofreading Carol Joy Farrell, Daniel James, Judith A. Leterskis, Teresa H. Omitek

ADVERTISING PRINT AND ONLINE SALES AND MARKETING

Director Jeffery J. Bonistalli

Manager Kathy Russell

Staff Mirna Monal

Sales Representatives Maureen A. Reichert (973-263-9191, ext. 226), Nancy E. Souza (973-263-9191, ext. 209)

Advertising Sales, Marketing and Research Mark Thornbury (director)

Reprint & ePrint Communications Susan Lovenberg (manager)

Classified Advertising/Circulation Promotion Thalia Moss (sales manager), Susan J. Henning (senior sales representative), Tem Harrier (sales representative)

PRINT & ONLINE SALES AND MARKETING

Worldwide Sales Vida Damijonaitis (director); Saskia Bolore (Americas regional manager), Gretchen Linder (Europe/Middle East/Africa regional manager), Brian McCartney (Asia Pacific regional manager); Rebecca Haas, Christine Hearne (sales representatives); Irma Millie Lara, Audra Lawlor, Maliya Scott (staff)

Marketing Elizabeth Solaro (director); Rick Bell, Michael McGraw, Sara Nagy (managers); Millette Jackson-Bates (staff)

Product Development Matt Herron (director); Geoffrey Flick (associate publisher/senior product development); Paul Gee, Stacy Tucker (managers)

JAMA CONTACT INFORMATION

Customer Service 800-386-2161

Editorial Office 312-464-4444
jamams@jamanetwork.org

Media Relations 312-464-5262
mediarelations@jamanetwork.org

Permissions 312-464-2513
permissions@ama-assn.org

Reprints 973-263-9191
reprints@jamanetwork.com

Product Advertising 973-263-9191
display@jamanetwork.com

Classified Advertising 800-262-2260
classifieds@ama-assn.org

Subscriptions/Licenses 312-464-2452
sales@jamanetwork.com

AMA EXECUTIVES AND TRUSTEES

Executive Vice President, Chief Executive Officer James L. Madara, MD

Chief Operating Officer Bernard L. Hengesbaugh

President Ardis D. Hoven, MD

President-Elect Robert M. Wah, MD

Immediate Past President Jeremy A. Lazarus, MD

Secretary Carl A. Sirio, MD

Speaker, House of Delegates Andrew W. Gurman, MD

Vice-Speaker, House of Delegates Susan R. Bailey, MD

Trustees Joseph P. Annis, MD; Maya A. Babu, MD, MBA; David O. Barbe, MD, MHA (chair); Julie K. Goonewardene; Patrice A. Harris, MD; Ardis D. Hoven, MD; William E. Kobler, MD; Jeremy A. Lazarus, MD; Barbara L. McAneny, MD; Mary Anne McCaffree, MD; Albert J. Osbahr III, MD; Stephen R. Permut, MD, JD; Ryan J. Ribeira; Carl A. Sirio, MD; Steven J. Stack, MD (immediate past chair); Georgia A. Tuttle, MD; Robert M. Wah, MD; Monica C. Wehby, MD



The JAMA Network

The JAMA Network is a consortium of peer-reviewed print and online medical publications that includes JAMA and 9 other specialty Network Journals.

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.

© 2013 American Medical Association. All rights reserved. Reproduction without permission is prohibited.