Editorial Board

Mona Al-Sane, BChD, MS, assistant professor, Department of Developmental and Preventive Sciences, Faculty of Dentistry, Kuwait University, Kuwait City, Kuwait

Stephen C. Bayne, PhD, MS, active professor emeritus, Department of Cariology, Restorative Sciences, and Endodontics, School of Dentistry, University of Michigan, Ann Arbor, MI

Ana Bedran-Russo, DDS, MS, PhD, associate professor and program director, Department of Restorative Dentistry, College of Dentistry, University of Illinois at Chicago, Columbus, OH

Paul S. Casamassimo, DDS, MS, professor of pediatric dentistry, College of Dentistry, The Ohio State University, Columbus, OH

Mark Donaldson, BSc (Pharm), PharmD, director, Performance Service, Vizient, Clinical Pharmacy, Whitefish, MT

Dennis W. Engel, DDS, private practitioner, Mequon, WI

David C. Johnsen, MS, DDS, dean and professor of pediatric dentistry, College of Dentistry, University of Iowa, Iowa City, IA

Mel L. Kantor, DDS, MPH, PhD, Oliver M. Ramsey endowed chair in health sciences and director, Institute for Health Sciences, University of Wisconsin-Eau Claire, Eau Claire, WI

Kent D. Nash, PhD, economist and president, Nash & Associates, College Station, TX

Terry G. O’Toole, DDS, a past director, Dental Informatics and Analytics, Veterans Health Administration Office of Dentistry, Department of Veterans Affairs, Washington, DC

Christian Piers, DDS, MFA, past president, American Student Dental Association, Chicago, IL; and resident in orthodontics, School of Dentistry, University of North Carolina at Chapel Hill, Chapel Hill, NC

International Editorial Board

A. Enrique Acosta Gío, DDS, PhD, professor of immunology and microbiology and head of infection control and occupational safety, School of Dentistry, National University of Mexico, Mexico City, Mexico

William W.M. Cheung, DMD, member, Education Committee, Asia Pacific Region, FDI World Dental Federation; honorary associate professor, Faculty of Dentistry, The University of Hong Kong; adjunct associate professor, School of Dental Medicine, University of Pennsylvania, Philadelphia, PA; and private practitioner, Hong Kong

L. Krishna Prasad, MDS, dean, Sibar Institute of Dental Sciences, Guntur, India

David M. Williams, BDS, MSc, PhD, FRCPath, FDSRCS, professor of Global Oral Health, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, England

Tao Xu, DMD, PhD, professor, School and Hospital of Stomatology, Peking University, Beijing, China

Subscription Information

Association members should address all inquiries to ussocieties@elsevier.com or (1-800-654-2452) or to Department of Membership, American Dental Association, msc@ada.org or 1-312-440-2614. Customer Service (orders, claims, online, change of address): Please visit our Support Hub page https://service.elsevier.com for assistance. Yearly Subscription Rates: United States and possessions: Individual $217. Canada: Individual $229. All other countries (prices include airspeed delivery): Individual $239. Orders will be billed at the individual rate until proof of status is received. Current prices are in effect for back volumes and back issues. For JADA institutional online subscription inquiries, please contact Science Direct at esalessupport@elsevier.com. Further information on this journal is available from the Publisher or from this journal’s website (http://jada.ada.org). Information on other Elsevier products is available through Elsevier’s website (http://www.elsevier.com). BPA Member Business Publications Audit. Vol. 150, No. 5, pages 325-480.

Member subscriptions: 1-312-440-2614
Editorial content: 1-312-440-2791
Manuscript submissions: 1-716-829-6413

Nonmember subscriptions: 1-800-654-2452
Author Guidelines: jada.ada.org/content/authorinfo

ADA Headquarters: The central telephone number is 1-312-440-2500. The ADA’s toll-free telephone number can be found on your membership card.
Editors of JADA International Editions

MIDDLE EAST
Joseph George Ghafari, DMD, professor, Department of Otolar-yngology—Head & Neck Surgery, American University of Beirut Medical Center, Beirut, Lebanon

PORTUGAL
Paulo Melo, PhD, DDS, professor of operative dentistry, Faculty of Dentistry, University of Porto, Porto, Portugal

Industry Advisory Board

CHAIR
Michael Glick, DMD, professor, School of Dental Medicine, University at Buffalo, The State University of New York, Buffalo, NY

INDUSTRY REPRESENTATIVES
Mitsi O’Neill, director, Global Professional Services, 3M Oral Care Solutions Division, St. Paul, MN
Candy B. Ross, RDH, director of clinical affairs, ISI/DEXIS/Gendex Dental Systems, Marietta, GA
Jeff Zawada, PhD, director of technical research, A-dec, Newberg, OR

The JADA Industry Advisory Board has no involvement in The Journal’s review and acceptance of manuscripts. That process is overseen by the Editor.
Derivative Works
Users may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions or companies. Other than for articles published under the CC BY license, permission of the publisher is required for resale or distribution outside the subscribing institution or company. For any subscribed articles or articles published under a CC BY-NC-ND license, permission of the publisher is required for all other derivative works, including compilations and translations.

Storage or Usage
Except as outlined above or as set out in the relevant user license, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the publisher.

Permissions
For information on how to seek permission visit www.elsevier.com/permissions or call: (+1) 215-239-3867.

Author Rights
Author(s) may have additional rights in their articles as set out in their agreement with the publisher (more information at http://www.elsevier.com/authorsrights).

Notice
No responsibility is assumed by the publisher or the American Dental Association for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made. Although all advertising material is expected to conform to ethical (medical) standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.