

Journal of PROFESSIONAL NURSING

OFFICIAL JOURNAL OF THE
AMERICAN ASSOCIATION of COLLEGES of NURSING

Editor

PATRICIA GONCE MORTON, PhD, RN,
ACNP-BC, FAAN
University of Utah

Managing Editor

WILLIAM F. O'CONNOR

Mailing Address

American Association of
Colleges of Nursing
655 K Street NW Suite 750
Washington, DC 20001
Phone: 202/463-6930
Fax: 202-785-8320
Email: jpn@aacnursing.org

Editorial Board

LAURIE M. LAUZON CLABO, PhD, RN
Wayne State University

JEAN GIDDENS, PhD, RN
Virginia Commonwealth University

ELIZABETH GAZZA, PhD, RN, FACCE
University of North Carolina Wilmington

PHYLLIS JACOBS, MSN, RN
Wichita State University

ELIZABETH PALMER, PhD, RN
Indiana University of Pennsylvania

ROBERT WELTON, MSN, MDE
University of Maryland Medical Center

Past Editors

ELOISE LEWIS, EdD, RN, FAAN

LAUREL ARCHER COPP, PhD,
RN, FAAN

ELEANOR J. SULLIVAN, PhD, RN, FAAN

ELLEN OLSHANSKY, PhD, RN,
WHNP-BC, FAAN

Publisher: Elsevier Inc./1600 JFK BLVD., Philadelphia, PA 19103-2899

Publication information: *Journal of Professional Nursing* (ISSN 8755-7223) is published bimonthly by Elsevier, 360 Park Avenue South, New York, NY 10010-1710. Periodicals postage paid at New York, NY and additional mailing offices. USA POSTMASTER: Send address changes to *Journal of Professional Nursing*, Elsevier Customer Service Department, 3251 Riverport Lane, Maryland Heights, MO 63043, USA.

Subscriptions. Yearly subscription rates: United States and possessions: individual, \$158.00; single issue \$50.00. All other countries: individual, \$312.00; single issue, \$50.00. For all areas outside the United States and possessions, there is no additional charge for surface delivery. To receive student rate, orders must be accompanied by name of affiliated institution, date of term, and the signature of program coordinator on institution letterhead. Orders will be billed at individual rate until proof of status is received.

Orders, claims, and journal inquiries: Please visit our Support Hub page <https://service.elsevier.com> for assistance.

Advertising information: Advertising orders and enquiries can be sent to: USA, Canada and South America: Barbara Blum, Elsevier Inc., 360 Park Avenue South, New York, NY 10010-1710, USA; phone: (+1) (212) 633-3657; e-mail: b.blum@elsevier.com.

Reprints: To order 100 or more reprints for educational, commercial, or promotional use, contact the Commercial Reprints Department, Elsevier Inc., 360 Park Avenue South, New York, NY 10010-1710; e-mail: reprints@elsevier.com.

Guide for authors: For a full and complete Guide for Authors, please go to: www.elsevier.com/wps/locate/issn/8755-7223.

Author inquiries: You can track your submitted article at <http://www.elsevier.com/track-submission>. You can track your accepted article at <http://www.elsevier.com/trackarticle>. You are also welcome to contact Customer Support via https://service.elsevier.com.

Funding body agreements and policies: Elsevier has established agreements and developed policies to allow authors whose articles appear in journals published by Elsevier, to comply with potential manuscript archiving requirements as specified as conditions of their grant awards. To learn more about existing agreements and policies please visit <http://www.elsevier.com/fundingbodies>.

© 2019 Elsevier Inc. All rights reserved. This journal and the individual contributions contained in it are protected under copyright by Elsevier Inc., and the following terms and conditions apply to their use:

Photocopying: Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission of the Publisher and payment of a fee is required for all other photocopying, including multiple or systematic copying, copying for advertising or promotional purposes, resale, and all forms of document delivery. Special rates are available for educational institutions that wish to make photocopies for non-profit educational classroom use. For information on how to seek permission visit www.elsevier.com/permissions or call: (+44) 1865 843830 (UK) / (+1) 215 239 3804 (USA).

In the USA, users may clear permissions and make payments through the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA; phone: (+1) (978) 750 8400, fax: (+1) (978) 750 4744, and in the UK through the Copyright Licensing Agency Rapid Clearance Service (CLARCS), 90 Tottenham Court Road, London W1P 0LP, UK; phone: (+44) 20 7631 5555; fax: (+44) 20 7631 5500. Other countries may have a local reprographic rights agency for payments.

Derivative Works: Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the Publisher is required for resale or distribution outside the institution. Permission of the Publisher is required for all other derivative works, including compilations and translations (please consult www.elsevier.com/permissions).

Electronic Storage or Usage: Permission of the Publisher is required to store or use electronically any material contained in this journal, including any article or part of an article (please consult www.elsevier.com/permissions). Except as outlined above, 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.

Notice: No responsibility is assumed by the Publisher 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.

♾ The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper).