

an international reproductive health journal

# Contraception

Volume 98, Number 1, July 2018



Official Journal of Association of Reproductive Health Professionals • Society of Family Planning

## Editor

Carolyn Westhoff, M.D., M.Sc.  
Columbia University

## Founding Editor

Daniel R. Mishell, Jr., M.D.

## Managing Editor

Taylor Bowen

## Deputy Editors

Mitchell D. Creinin, M.D.  
University of California, Davis

Angel M. Foster, DPhil, MD, AM  
University of Ottawa

Jeffrey T. Jensen, M.D., M.P.H.

Oregon Health & Science University

Eleanor Bimla Schwarz, M.D., M.S.  
University of California, Davis

## Media Editor

Jennifer Conti, MD, MS  
Stanford University

## Editorial Board

Sharon L. Achilles, M.D., Ph.D.  
University of Pittsburgh

David F. Archer, M.D.  
CONRAD Clinical Research Center

Bhagu R. Bhavnani, Ph.D.  
University of Toronto,  
St. Michael's Hospital

Diana L. Bliithe, Ph.D.  
Chief, Contraceptive Development Program NICHD, NIH

Paul Blumenthal, M.D., M.P.H.  
Stanford University

Kelly Cleland, MPA MPH  
Princeton University

Blair G. Darney, PhD, MPH  
Oregon Health & Science University  
Instituto Nacional de Salud Pública (INSP), México

Laneta J. Dorflinger, Ph.D.  
FHI 360

Alison Edelman, M.D., M.P.H.  
Oregon Health & Science University

Lawrence B. Finer, Ph.D.  
Guttmacher Institute

Kristina Gemzell-Danielson, M.D., Ph.D.  
Karolinska Institutet

Melissa Gilliam, M.D.  
The University of Chicago

Anna Glasier, M.D.  
University of Edinburgh

Marji Gold, M.D.  
Albert Einstein College of Medicine

Daniel A. Grossman, M.D.  
University of California, San Francisco  
Advancing New Standards in Reproductive Health

Lisa H. Harris, M.D., Ph.D.  
University of Michigan Department: Institute for Healthcare  
Policy & Innovation

Jillian Henderson, Ph.D., M.P.H.  
Kaiser Permanente Center for Health  
Research, Northwest

David Hubacher, Ph.D.  
FHI 360

Heidi E. Jones, Ph.D., M.P.H.  
Hunter College, CUNY School of Public Health

Nathalie Kapp, M.D., M.P.H.  
IPas

Andrew M. Kaunitz, M.D.  
University of Florida  
College of Medicine—Jacksonville

Chelsea A. Morroni, MBChB, PhD  
Liverpool School of Tropical Medicine;  
University of Cape Town

Anita L. Nelson, M.D.  
David Geffen School of Medicine,  
University of California, Los Angeles

Mark Nichols, M.D.  
Oregon Health & Science University

Maureen A. Paul, M.D., M.P.H.  
Harvard University

Jeffrey F. Peipert, M.D., Ph.D.  
Indiana University School of Medicine

Elizabeth G. Raymond, M.D., M.P.H.  
Gynuity Health Projects

Robert Rebar, M.D.  
Western Michigan University Homer Stryker M.D.  
School of Medicine

Carolina Sales Vieira, M.D., PhD  
University of Sao Paulo

Courtney A. Schreiber, M.D., M.P.H.  
University of Pennsylvania  
School of Medicine

Frank Z. Stanczyk, Ph.D.  
University of Southern California

Jody Steinauer, M.D., M.A.S.  
University of California, San Francisco

Diana L. Taylor, R.N., N.P., Ph.D.  
University of California, San Francisco

Stephanie B. Teal, M.D., M.P.H.  
University of Colorado

David K. Turok, M.D., M.P.H.  
University of Utah