ehp ENVIRONMENTAL HEALTH PERSPECTIVES

2012 | Overview

www.ehponline.org

Overview

Environmental Health Perspectives

Editor-in-Chief: Hugh A. Tilson, PhD

Environmental Health Perspectives (*EHP*) is published with support from the U.S. National Institute of Environmental Health Sciences (NIEHS) as a fully independent peer-reviewed scientific journal. *EHP* serves as a forum for the discussion of the interrelationships between the environment and human health by publishing high-quality peer-reviewed research and current, credible news of the field.

EHP supports global environmental health research through its policy of open access and commitment to dissemination of research and information to the developing world. In 2011 37% of papers published in *EHP* were from corresponding authors residing outside the United States.

2011 Impact Factor: 7.04

- Ranked 3rd of 205 journals in Environmental Sciences
- Ranked 2nd of 157 journals in Public, Environmental, and Occupational Health

EHP is an open-access journal. All *EHP* content is available free online at http://www.ehponline.org/. As of January 2013, *EHP* will be published online only.

EHP Research

Science Editor: Jane C. Schroeder, DVM, MPH, PhD

EHP publishes articles from a wide range of scientific disciplines encompassing basic research, human studies, and *in vitro* and *in vivo* research with a clear relationship to human health effects. Each issue of *EHP* contains approximately 18–20 original Research Articles, 2–3 Commentaries, and 2–3 Reviews.

Research areas that are highly represented include epidemiology, toxicology, exposure science, risk assessment, public health, and climate change. In addition, each issue includes a section devoted to children's health research, and each year children's health is the focus of the October issue. *EHP* also addresses ethical, legal, social, and policy issues. Studies dealing with ecological issues or effects on wildlife populations are welcome when the relevance of their findings to human health is evident.

EHP also publishes occasional special reports, collections, and proceedings, available at http://ehp.niehs.nih.gov/static/collections (except where noted). Recent examples include:

- *A Human Health Perspective on Climate Change: A Report Outlining the Research Needs on the Human Health Effects of Climate Change*. 2010. Portier et al. doi:10.1289/ehp.1002272 Available at http://www.niehs.nih.gov/climatereport
- *EHP Children's Health Collection 2011*
- *EHP Bisphenol A (BPA) Collection 2007–2011*
- *Abstracts of the CEHN Conference on the Contribution of Epigenetics in Pediatric Environmental Health*. May 30–June 1, 2012, San Francisco, California
- *Abstracts of the 23rd Annual Conference of the International Society of Environmental Epidemiology (ISEE)*. September 13–16, 2011, Barcelona, Spain

EHP News

News Editor: Susan M. Booker

EHP News is targeted toward multidisciplinary investigators and nonscientists interested in environmental health. News articles offer groundbreaking reporting on emerging topics such as obesogens, stress–pollution interactions, the exposome, public health issues related to fracking, and ecosystem services. Topics are vetted by the *EHP* News Committee, a group of scientists, policy specialists, and editors from throughout the National Institute of Environmental Health Sciences. All articles are reviewed by subject-matter experts and rigorously edited by *EHP* staff.

Each issue of *EHP* contains a variety of article formats:

- **Focus:** Feature articles of 2,500–3,500 words on focused topics explored in depth. These features often adopt the style of a review, pulling together the current thinking on a given topic.
- **Spheres of Influence:** Feature articles of 1,500–2,500 words on policy or legislative topics.
- **Innovations:** Feature articles of 1,500–2,500 words on innovative technologies or methods.
- **Forum:** Short articles of 500–700 words on single findings and trends, plus several brief news bites.
- **Science Selections:** Summaries of 400 words synopsizing *EHP* Research Articles, Commentaries, and Reviews from the same issue.

Science Selections articles offer an avenue by which authors publishing in *EHP* can garner greater awareness of their work. Articles are chosen for coverage as Science Selections on the basis of their novelty or impact in the field of environmental health, the public health importance of their findings, and/or their relevance to a wide audience.

EHP in the Media

EHP is steadily gaining name recognition among major media outlets, with a rise in print and broadcast reporting on our content. A sampling of press mentions from the past year includes:

- **Prenatal phthalate exposure and neurodevelopment at age 3:** *Baltimore Sun*, *San Francisco Chronicle*, *Los Angeles Times*, *Washington Post*, WebMD
- **Phthalates in beauty products and diabetes in women:** *Boston Globe*, *Milwaukee Journal Sentinel*, CNN Health
- **Antibiotic resistance in conventional and organic poultry:** *The Atlantic*, NPR
- **Flame retardants in supermarket food samples:** *Chicago Tribune*, *Discovery News*, CBS News, NPR, WebMD
- **Polycyclic aromatic hydrocarbon exposure in prehistoric peoples:** *National Geographic*
- **Air quality and health benefits of reduced car travel:** *Discovery News*, *The New York Times*, *Minneapolis Star Tribune*
- **Arsenic in organic brown rice syrup:** *Consumer Reports*, *Time*, ABC News, Bloomberg, Fox News, Voice of America
- **Light pollution:** *International Business Times*, PBS Special "The City Dark"

Stay Connected

TO SIGN UP FOR *EHP* E-MAIL ALERTS, INCLUDING MONTHLY TABLE OF CONTENTS E-MAILS, GO TO HTTP://GO.USA.GOV/Y7NK

EHP Manuscript Submission and Review Process

ELECTRONIC SUBMISSION

EHP uses the Manuscript Central online manuscript submission and tracking program. Authors may track the progress of submitted manuscripts by logging into the Manuscript Central Author Center.

INITIAL REVIEW

Papers submitted to the journal undergo an initial review by the Editor-in-Chief, the Science Editor, and consultants or staff to determine whether the paper should undergo peer review. This determination is based on the paper's relevance to environmental health science and human health specifically, its originality and potential to contribute new or important information to the field, the use of appropriate methods, interpretation and conclusions consistent with the data presented, and clarity of presentation.

- Approximately one-third of all papers submitted to *EHP* are selected for peer review.
- Authors of papers that are not selected for peer review are notified within 1 day to 2 weeks (median 7 days from the date of submission).

PEER REVIEW

Papers selected for peer review are assigned to members of *EHP*'s Board of Associate Editors, who identify potential reviewers, supervise the review process, and make recommendations to the Editor-in-Chief regarding revisions, rejection, or acceptance. *EHP*'s Editorial Review Board serves as a pool of potential reviewers, but outside reviewers are usually involved in the review of each paper as well. Both the Board of Associate Editors and the Editorial Review Board are composed of leading scientists from all segments of the environmental health sciences, including academia, industry, advocacy groups, and nonprofit organizations.

- The overall acceptance rate for papers submitted to *EHP* is approximately 15%. However, almost half of all papers selected for peer review are accepted for publication.
- The average time from submission to final decision is 33 days for all papers and 89 days for papers that are peer reviewed. Papers that are published in *EHP* usually complete 1–3 rounds of peer review before they are accepted.

Publication in *EHP*

PROVISIONAL ACCEPTANCE

Papers that are recommended for acceptance by an Associate Editor undergo a final internal review by the *EHP* Science Editor or Editor-in-Chief and by the *EHP* Editorial Facilitator. After the internal review is completed, authors are notified that their paper has been provisionally accepted pending their response to any requests for clarification, editorial suggestions, or formatting corrections (if needed, based on the final review). Authors are also asked to complete their own review of the paper and confirm that it is ready for Advance Publication.

PRESS RELEASES

EHP staff work closely with authors' institutions to establish embargo dates to optimize press coverage of important new research. Authors who wish to make their papers available to media prior to online publication should contact the *EHP* News Editor when they receive their provisional acceptance notice.

ADVANCE PUBLICATION

Papers that are accepted for publication are published online within 24 hours unless authors request otherwise. Advance Publication articles are cited in PubMed within 2–3 days of online publication and are available online in HTML or PDF formats at http://www.ehponline.org/.

FINAL PUBLICATION

Prior to final online publication, articles undergo careful copyediting and formatting. Authors will have an opportunity to review page proofs prior to final publication.

MANUSCRIPT PROCESSING FEES (U.S. DOLLARS)

On acceptance of a manuscript, authors are charged a processing fee:

Commentary: $750

Research Article: $1,000

Review Article: $1,500

Supplemental Material: $500 for more than 2,000 words, including tables, figure legends (figures themselves count as 250 words each), text, and references

COMPETING INTERESTS

EHP has a policy of full disclosure concerning competing financial and nonfinancial interests. Authors of Research Articles, Commentaries, Reviews, Correspondence, and Editorials must disclose potential competing interests, as described in *EHP*'s Instructions to Authors. For each manuscript, the corresponding author must submit a declaration of competing interests on behalf of all the authors. A statement of disclosure also must be submitted with the manuscript. A brief disclaimer describing the competing interest or a declaration of no competing interest is published in the Acknowledgments section of each article.

SCIENTIFIC INTEGRITY

EHP requires assurances that animals used in studies have been treated humanely and with regard for the alleviation of suffering. Research involving humans must have been conducted according to the Common Rule (http://ori.dhhs.gov/education/products/ucla/chapter2/page04b.htm). Research involving humans also must be approved by an appropriate institutional review board and comply with all relevant national, state, and local regulations. Research that is exempt from U.S. federal regulations must be performed in accordance with the Declaration of Helsinki (http://www.wma.net/en/30publications/10policies/b3/).

EHP is sometimes confronted with issues regarding potential research misconduct. Instances of documented plagiarism and allegations of research misconduct will be brought to the attention of the authors' host institutions. Papers selected for peer review are evaluated for evidence of plagiarism using iThenticate before they are sent to Associate Editors.

For additional information on manuscript submission, review, and publication please see *EHP*'s Instructions to Authors at http://ehp.niehs.nih.gov/instructions-to-authors.

EHP Multimedia

Web Editor: Dorothy L. Ritter

EHP WEBSITE

As a leader in open-access scientific publishing, the *EHP* website at http://www.ehponline.org/ offers full, free access to all content for both English and Chinese editions of the journal. The website also includes pages devoted to the journal's International Program.

The *EHP* website had almost 2.7 million page views in 2011, with visitors from over 200 countries. More than 1.2 million individuals visited the site, two-thirds of them for the first time.

TWITTER

The *EHP* Twitter feed (http://www.twitter.com/EHPonline) publicizes new Research and News, Editorials, Podcasts, and Career Opportunities, as well as *EHP* appearances at meetings and news items of interest to the environmental health community. The *EHP* Twitter feed currently has more than 2,100 followers.

FACEBOOK

EHP is now on Facebook at http://www.facebook.com/EHPonline. "Like" our page to receive updates on *EHP* content and other news in environmental health.

PODCASTS

The Researcher's Perspective Podcast series provides a behind-the-scenes look at the Research and News published in *EHP* and its human health implications. New Podcasts are posted each month at http://www.ehponline.org/category/podcasts and on iTunes. Updates on new Podcasts are available through *EHP*'s RSS and Twitter feeds. Podcasts are geared toward a similar audience as *EHP* News—multidisciplinary investigators and nonscientists interested in environmental health—and topics are selected for their appeal to a broad audience and/or their clear public health take-home message.

IPHONE/IPOD TOUCH APP

The *EHP* iPhone/iPod Touch app provides easy access to Advance Publication articles, featured News and Research from the current issue of *EHP*, News content organized by topic, and *The Researcher's Perspective* Podcast series. The app allows easy searching of all content using a full-text search function. This free application is available at the App Store and from iTunes.

EHP iPHONE APP

The app lets you explore all *EHP* content using a full-text search function

YOU CAN ALSO:

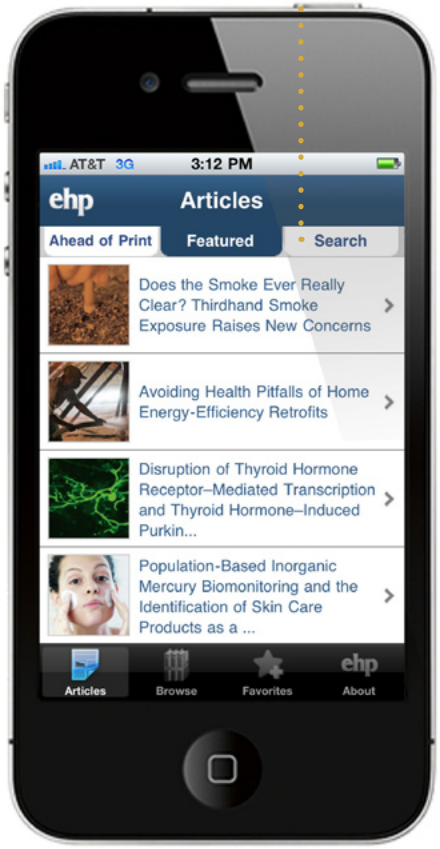
- View content as PDF or online
- Save your favorite articles
- E-mail articles from your iPhone

Free for your iPhone or iPod Touch

EHP PODCASTS were downloaded nearly 13,000 times from January through July 2012

RECENT PODCASTS:

- Climate Change and Migration, *with Celia McMichael and Jon Barnett*
- What Do We Know about Obesogens? *with Bruce Blumberg*
- Low-Dose Effects of Endocrine Disruptors, *with Laura Vandenberg*
- Bite of Arsenic, *with Kathryn Cottingham*
- Global Mortality from Outdoor Smoke, *with Fay Johnston and Sarah Henderson*
- Phthalates in Medicinal Products, *with Katherine Kelley*
- Managing Wastewater from Fracking, *with Robert B. Jackson*
- Mixed Metals Exposure *with Robert O. Wright*
- Climate Change, Crop Yields, and Undernutrition, *with Sari Kovats*
- Assessing the Science of Cell Phone Safety, *with David Savitz*
- Early Influences on Mammary Gland Development, *with Suzanne Fenton*



EHP Chinese Edition

Manager: Hui Hu

EHP Chinese Edition offers selected *EHP* content translated into Chinese. The Chinese edition premiered in 2001 as a quarterly publication. In 2004 *EHP* teamed up with the Shanghai Municipal Center for Disease Control and Prevention to distribute print issues of *EHP Chinese Edition* to some 30,000 subscribers in China, Taiwan, Hong Kong, and Singapore. *EHP Chinese Edition* is now published bimonthly in print and online.

The bulk of *EHP Chinese Edition* is made up of News first published in *EHP*. Each issue also includes original or reprinted Editorials, Research abstracts from past issues of *EHP*, and occasional Commentaries and Reviews. *EHP Chinese Edition* is available online at http://cehp.niehs.nih.gov/. In addition, all content can be accessed via the free ***EHP*中文版** iPhone app, available at the iPhone App Store and iTunes.

EHP International Program

Manager: Hui Hu

JOURNAL PARTNERSHIPS

International journal partnerships foster scientific exchange and further the shared scientific goals and missions of each partner through wider dissemination of scientific information to new audiences.

Ciência & Saúde Coletiva—*Ciência & Saúde Coletiva* is a quarterly public health journal published in Brazil by the Associação Brasileira de Pós-Graduação em Saúde Coletiva (Brazilian Association of Public Health) and indexed in MEDLINE. *Ciência & Saúde Coletiva* translates abstracts of selected *EHP* Reviews into Portuguese for subsequent republication in print and online. *EHP* and *Ciência & Saúde Coletiva* provide reciprocal links on their websites.

Ciencia y Trabajo—*Ciencia y Trabajo* is a regional Latin American occupational and environmental health journal published by the Fundación Científica y Tecnológica, Asociación Chilena de Seguridad (Chilean Security Association; ACHS). Each quarterly edition of *Ciencia y Trabajo* includes Spanish translations of selected *EHP* News articles. *EHP* and *Ciencia y Trabajo* provide reciprocal links on their websites.

Mali Médical—*Mali Médical* is a quarterly medical journal published in Mali by the Société de Médecine du Mali. The partnership between *Mali Médical* and *EHP* is a result of the African Journal Partnership Project, a multinational initiative that focuses on journal capacity building in Africa.

Salud Pública de México—*Salud Pública de México* is a peer-reviewed public health journal published bimonthly by the National Institute of Public Health, Mexico. It is indexed in Current Contents/Social and Behavioral Sciences, Social Sciences Citation Index, and other Mexican index services. *Salud Pública de México* publishes Spanish translations of selected *EHP* News articles.

TRANSLATED CONTENT

To help *EHP* fulfill its mission of disseminating scientific information not only to scientists but also to policy makers and an informed lay public, Spanish and French translations of selected Research and News articles are available on the *EHP* International Program website at http://ehp.niehs.nih.gov/international.

Editor-in-Chief
Hugh A. Tilson, PhD

Science Editor
Jane C. Schroeder, DVM, MPH, PhD

Editorial Staff | NIEHS

News Editor
Susan M. Booker

Managing Editor
Rita B. Hanson

Children's Health Editor
Martha M. Dimes, PhD

Web Editor
Dorothy L. Ritter

International Program Manager
Hui Hu

Program Director, Health Literacy
Banalata Sen, PhD

Technical Editor
Audrey L. Pinto, PhD

Ethics Officer/ Staff Photographer
Arnold Greenwell

Writer/Editor
Erin E. Dooley

Writer/Editor
Tanya Tillett

Office Management | NIEHS

Staff Specialist
Kathy Crabtree

Program Specialist
Judy Hanson

Art and Production | Brogan & Partners, Contractor

Publications Director
Joseph Warren Tart

Art Director/Production Manager
Mary Mahoney Edbrooke

Senior News Designer/ Photography Editor
Matthew Ray

Senior Graphic Designer
Christopher Bryant Pate

Science Production Coordinator
Tracey Glazener

Assistant Science Production Coordinator
Jennifer Garner

Editorial Facilitator
Mary Collins, PhD

Editorial Associate
Barbara L. Liljequist, PhD

Publication Specialist
Cassandra Carter

Website | Brogan & Partners, Contractor

Technology Manager
Hal Atkins

Web Programmer
Samuel Duvall

Business and Advertising | Brogan & Partners, Contractor

Project Director
Jim Tobin

Business Manager
Karen Warren

News Committee | NIEHS

Steven K. Akiyama, PhD
Office of the Scientific Director

Allen Dearry, PhD
Office of the Director

Kimberly Gray, PhD
Division of Extramural Research & Training

Stephanie Holmgren
Library & Information Services Branch

Kembra L. Howdeshell, PhD
Office of Health Assessment and Translation

James Huff, PhD
Office of Risk Assessment Research

Ruth M. Lunn, DrPH
Report on Carcinogens

Robin Mackar
Office of Communications & Public Liaison

Liam R. O'Fallon
Division of Extramural Research & Training

Jerry Phelps
Division of Extramural Research & Training

John E. Schelp
Office of Science Education and Diversity

Kristina Thayer, PhD
Office of Health Assessment and Translation

Mary S. Wolfe, PhD
Office of Liaison, Policy and Review

NIEHS
National Institute of Environmental Health Sciences

National Institutes of Health
U.S. Department of Health and Human Services

NIH... Turning Discovery Into Health

Advisory Board

James G. Burkhart, PhD
Editor Emeritus, *EHP*

Stefani D. Dawn, MA, MS
College of Pharmacy
University of New Mexico

Donald A. Fox, PhD
University of Houston College of Optometry

Russ Hauser, MD, ScD, MPH
Harvard School of Public Health

Kenneth S. Korach, PhD
National Institute of Environmental Health Sciences

Matthew P. Longnecker, MD, ScD
National Institute of Environmental Health Sciences

R. Julian Preston, PhD
U.S. Environmental Protection Agency

Tracey Woodruff, PhD, MPH
University of California, San Francisco

Associate Editors

Dana Boyd Barr, PhD
Emory University
Rollins School of Public Health

Michelle Bell, PhD, MS, MSE
Yale University School of Forestry and Environmental Studies

Robert M. Bigsby, PhD
Indiana University School of Medicine

Michael Brauer, PhD
University of British Columbia
School of Environmental Health

Bert Brunekreef, PhD
Institute for Risk Assessment Sciences
Utrecht University (the Netherlands)

Timothy J. Buckley, PhD
The Ohio State University
College of Public Health

Kenneth Cantor, PhD, MPH
National Cancer Institute

Bingheng Chen, MD, MPH
School of Public Health
Fudan University (China)

Julie Daniels, PhD, MPH
Gillings School of Global Public Health
University of North Carolina at Chapel Hill

Keith Dear, PhD, MSc, MA
The Australian National University

Kim Dietrich, PhD
University of Cincinnati College of Medicine

Richard Di Giulio, PhD
Duke University

Douglas W. Dockery, ScD
Harvard School of Public Health

Kristie Ebi, PhD, MPH
Intergovernmental Panel on Climate Change

Stephen Edwards, PhD
U.S. Environmental Protection Agency

Michael Foster, PhD
Duke University Medical Center

Bruce Fowler, PhD
ICF International

Donald A. Fox, PhD
University of Houston College of Optometry

Diane Gold, MD, MPH
Brigham and Women's Hospital
Harvard University Medical School

Terry Gordon, PhD
New York University School of Medicine

Eliseo Guallar, MD
Bloomberg School of Public Health
The Johns Hopkins University

Russ Hauser, MD, ScD, MPH
Harvard School of Public Health

Amy Herring, ScD
Gillings School of Global Public Health
University of North Carolina at Chapel Hill

Howard Hu, MD, MPH, ScD
University of Michigan School of Public Health

Jun Kanno, MD, PhD
National Institute of Health Sciences (Japan)

Joel Kaufman, MD, MPH
University of Washington School of Public Health

Robert Kavlock, PhD
U.S. Environmental Protection Agency

Steven R. Kleeberger, PhD
National Institute of Environmental Health Sciences

Manolis Kogevinas, MD, PhD
Centre for Research in Environmental Epidemiology, Municipal Institute of Medical Research (Spain)

Francine Laden, ScD
Harvard School of Public Health

Philip J. Landrigan, MD
Mount Sinai School of Medicine

Paul Lioy, PhD
Environmental and Occupational Health Sciences Institute
University of Medicine & Dentistry of New Jersey

Lizbeth Lopez-Carrillo, PhD
National Institute of Public Health (Mexico)

Chensheng Alex Lu, PhD
Rollins School of Public Health
Emory University

John Meeker, ScD
University of Michigan School of Public Health

Mark Nieuwenhuijsen, PhD
Center for Research in Environmental Epidemiology (Spain)

Günter Oberdörster, DVM, PhD
University of Rochester

Bart Ostro, PhD
California Environmental Protection Agency

Jennifer Peel, PhD, MPH
Colorado State University

R. Julian Preston, PhD
U.S. Environmental Protection Agency

David B. Richardson, PhD, MPH
Gillings School of Global Public Health
University of North Carolina at Chapel Hill

Kyle Steenland, PhD
Rollins School of Public Health
Emory University

David Thomas, PhD
U.S. Environmental Protection Agency

Martin van den Berg, PhD
Institute for Risk Assessment Sciences
Utrecht University (the Netherlands)

Michael P. Waalkes, PhD
National Cancer Institute at the National Institute of Environmental Health Sciences

Marc G. Weisskopf, PhD, ScD
Harvard School of Public Health

Tracey Woodruff, PhD, MPH
University of California, San Francisco

Editorial Review Board

Sara D. Adar, ScD, MHS
University of Michigan School of Public Health

John S. Andrews Jr., MD, MPH
University of Cincinnati

Carol R. Angle, MD
University of Virginia

Dean B. Baker, MD, MPH
University of California, Irvine

Katherine H. Baker, PhD
The Pennsylvania State University

John M. Balbus, MD, MPH
National Institute of Environmental Health Sciences

Adrian Barnett, PhD
Queensland University of Technology (Australia)

David C. Bellinger, PhD, MSc
Children's Hospital Boston
Harvard University Medical School

John D. Bogden, PhD
New Jersey Medical School
University of Medicine & Dentistry of New Jersey

Joe Braun, PhD, MPH
Harvard School of Public Health

Robert Brook, MD
University of Michigan

John R. Bucher, PhD
National Institute of Environmental Health Sciences

Alan Buckpitt, PhD
University of California, Davis

James Bus, PhD
Dow Chemical

John Butenhoff, PhD, DABT
3M Company

David O. Carpenter, MD
University at Albany–State University of New York

David C. Christiani, MD, MPH
Harvard School of Public Health

Luz Claudio, PhD
Mount Sinai School of Medicine

Jane E. Clougherty, MSc, ScD
University of Pittsburgh Graduate School of Public Health

James Collins, PhD
Dow Chemical

Deborah A. Cory-Slechta, PhD
University of Rochester

Daniel Costa, ScD
U.S. Environmental Protection Agency

Brent Coull, PhD
Harvard School of Public Health

Ralph J. Delfino, MD, PhD
School of Medicine
University of California, Irvine

Anneclaire De Roos, PhD, MPH
University of Washington

Christopher De Rosa, PhD
Alliance for Public Health and Associates, Inc.

Gert Doekes, PhD
Utrecht University (the Netherlands)

Kenneth Donaldson, PhD, DSc
Queen's Medical Research Institute (United Kingdom)

Alison Elder, PhD
University of Rochester School of Medicine & Dentistry

Brenda Eskenazi, PhD
University of California, Berkeley

Adrienne S. Ettinger, ScD, ScM, MPH
Yale School of Public Health

Ruth A. Etzel, MD, PhD
Zilber School of Public Health
University of Wisconsin at Milwaukee

Elaine M. Faustman, PhD
University of Washington

Edward F. Fitzgerald, PhD
University at Albany - State University of New York

John R. Froines, PhD
School of Public Health
University of California, Los Angeles

Howard Frumkin, MD, DrPH
University of Washington School of Public Health

Dori R. Germolec, PhD
National Institute of Environmental Health Sciences

Ian Gilmour, PhD
U.S. Environmental Protection Agency

Lynn R. Goldman, MD, MPH
School of Public Health and Health Services, George Washington University

Philippe A. Grandjean, MD, PhD
University of Southern Denmark

Xinbiao Guo, MD, PhD
School of Public Health
Peking University (China)

Brian L. Gulson, PhD
Macquarie University (Australia)

Carol J. Henry, PhD
Consultant

Irva Hertz-Picciotto, PhD, MPH
School of Medicine
University of California, Davis

Yun-Chul Hong, MD, PhD
Seoul National University
College of Medicine (South Korea)

Daniel Hryhorczuk, MD, MPH
University of Illinois at Chicago

Kazuhiko Ito, PhD
New York University School of Medicine

Wieslaw Jedrychowski, MD, PhD
Jagiellonian University (Poland)

Stefanos N. Kales, MD, MPH
Cambridge Health Alliance
Harvard School of Public Health

Amy E. Kalkbrenner, PhD, MPH
Zilber School of Public Health
University of Wisconsin at Milwaukee

Haidong Kan, PhD
School of Public Health
Fudan University (China)

William R. Kelce, MS, PhD
Drug Discovery Center of Innovation

Karen E. Knudsen, PhD
Kimmel Cancer Center
Thomas Jefferson University

Urmila Kodavanti, PhD
U.S. Environmental Protection Agency

Hillel S. Koren, PhD
Environmental Health, LLC

James Lamb, PhD, DABT
Exponent, Inc.

George Lambert, MD
University of Medicine & Dentistry of New Jersey

Joseph R. Landolph, Jr., PhD
Keck School of Medicine
University of Southern California

Bruce Lanphear, MD, MPH
Simon Fraser University (Canada)

Byung Mu Lee, PhD
Sungkyunkwan University (South Korea)

Frederick W. Lipfert, PhD
Consultant

Morton Lippmann, PhD, CIH
New York University School of Medicine

Jie Liu, PhD
University of Kansas Medical Center

Matthew P. Longnecker, MD, ScD
National Institute of Environmental Health Sciences

Mike Luster, PhD
Centers for Disease Control and Prevention

Barry M. Markaverich, PhD
Baylor University College of Medicine

Joe L. Mauderly, DVM
Lovelace Respiratory Research Institute

Linda A. McCauley, PhD, RN, FAAN
Nell Hodgson Woodruff School of Nursing, Emory University

Anthony McMichael, MD, PhD
The Australian National University

Sumi Mehta, PhD, MPH
United Nations Foundation

Alex Merrick, PhD
National Institute of Environmental Health Sciences

Murray Mittleman, MD, PhD
Harvard University

Bhagavatula Moorthy, PhD
Baylor College of Medicine

Rachel Morello-Frosch, PhD, MPH
University of California, Berkeley

Kenneth L. Mossman, PhD
Arizona State University
School of Life Sciences

Elena Naumova, PhD
Tufts University

Daniel W. Nebert, MD
University of Cincinnati

Marie O'Neil, PhD
University of Michigan
School of Public Health

Alvaro R.Osornio-Vargas, MD, PhD
University of Alberta (Canada)

Jonathan Patz, MD, MPH
University of Wisconsin–Madison

Richard S. Paules, PhD
National Institute of Environmental Health Sciences

Frederica Perera, DrPH
Mailman School of Public Health
Columbia University

Isaac Pessah, PhD
School of Veterinary Medicine
University of California, Davis

Annette Peters, MD
GSF National Research Center for Environment and Health (Germany)

Robert K.D. Peterson, PhD
Montana State University

William Pierce, PhD
University of Louisville

Fernando Polack, MD
Vanderbilt University

C. Arden Pope, PhD
Brigham Young University

Nicole Probst-Hensch, PhD
Swiss Tropical and Public Health Institute

Alvaro Puga, PhD
University of Cincinnati

Kenneth S. Ramos, PhD
University of Louisville
Health Sciences Center

John S. Ramsdell, PhD
National Oceanic and Atmospheric Administration

David Q. Rich, ScD
University of Rochester School of Medicine and Dentistry

Regina Santella, PhD
Mailman School of Public Health
Columbia University

David Savitz, PhD
Brown University

Arnold Schecter, MD, MPH
School of Public Health
University of Texas

Dina M. Schreinemachers, DrPH
U.S. Environmental Protection Agency

Linda Sheldon, PhD
U.S. Environmental Protection Agency

Ellen Silbergeld, PhD
Bloomberg School of Public Health
The Johns Hopkins University

Rémy Slama, PhD
INSERM/Université Joseph Fourier (France)

Ted Slotkin, PhD
Duke University

Allan H. Smith, MD, PhD
School of Public Health
University of California, Berkeley

Kirk Smith, PhD
School of Public Health
University of California, Berkeley

Gina M. Solomon, MD, PhD
Natural Resources Defense Council

Peter Spencer, PhD
Oregon Health & Science University

Richard Stevens, PhD
University of Connecticut

Shanna H. Swan, PhD
University of Rochester School of Medicine & Dentistry

Erik J. Tokar, PhD
National Institute of Environmental Health Sciences

Kristine Tollestrup, PhD, MPH
The University of New Mexico School of Medicine

Leonardo Trasande, MD, MPP
New York University School of Medicine
Wagner School of Public Service

Angelika Tritscher, PhD
World Health Organization

Helen Tryphonas, PhD
Consultants in Pathology and Toxicology (Canada)

Barbara Turpin, PhD
Rutgers University, The State University of New Jersey

Mary Ward, PhD
National Cancer Institute

Thomas J. Weber, PhD
Pacific Northwest National Laboratory

Howard Weinberg, MSc, DSc
Gillings School of Global Public Health
University of North Carolina at Chapel Hill

Roberta White, PhD
Boston University School of Public Health

Judy Zelikoff, PhD
New York University School of Medicine

International Program

Partnership Editors

Pierre-André Cabanes, MD
Environnement, Risques & Santé (France)

Carlos Oropeza-Abúndez
Salud Pública de México (Mexico)

Siaka Sidibe, MD
Mali Médical (Mali)

Maria Cecília de Souza Minayo, PhD
Ciência & Saúde Coletiva (Brazil)

Michael Taub Suazo, PhD
Ciencia & Trabajo (Chile)

Fan Wu, MD
Shanghai Municipal Center for Disease Control & Prevention (China)

Shengnian Zhang, MD
Journal of Environmental and Occupational Medicine (China)

Regional Editors

Kalpana Balakrishnan, PhD
Sri Ramachandra Medical College & Research Institute (India)

Haidong Kan, PhD
School of Public Health
Fudan University (China)

Maria Cecília de Souza Minayo, PhD
National School of Public Health (Brazil)

Nuntavarn Vichit-Vadakan, DrPH
Thammasat University (Thailand)